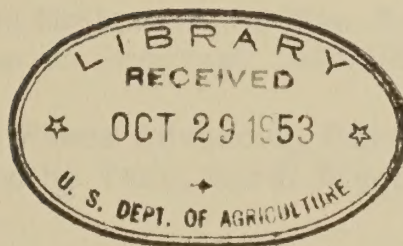


GRAPHIC SUMMARY
of the
RURAL ELECTRIFICATION
and
RURAL TELEPHONE PROGRAMS



UNITED STATES DEPARTMENT OF AGRICULTURE
RURAL ELECTRIFICATION ADMINISTRATION
September 1953

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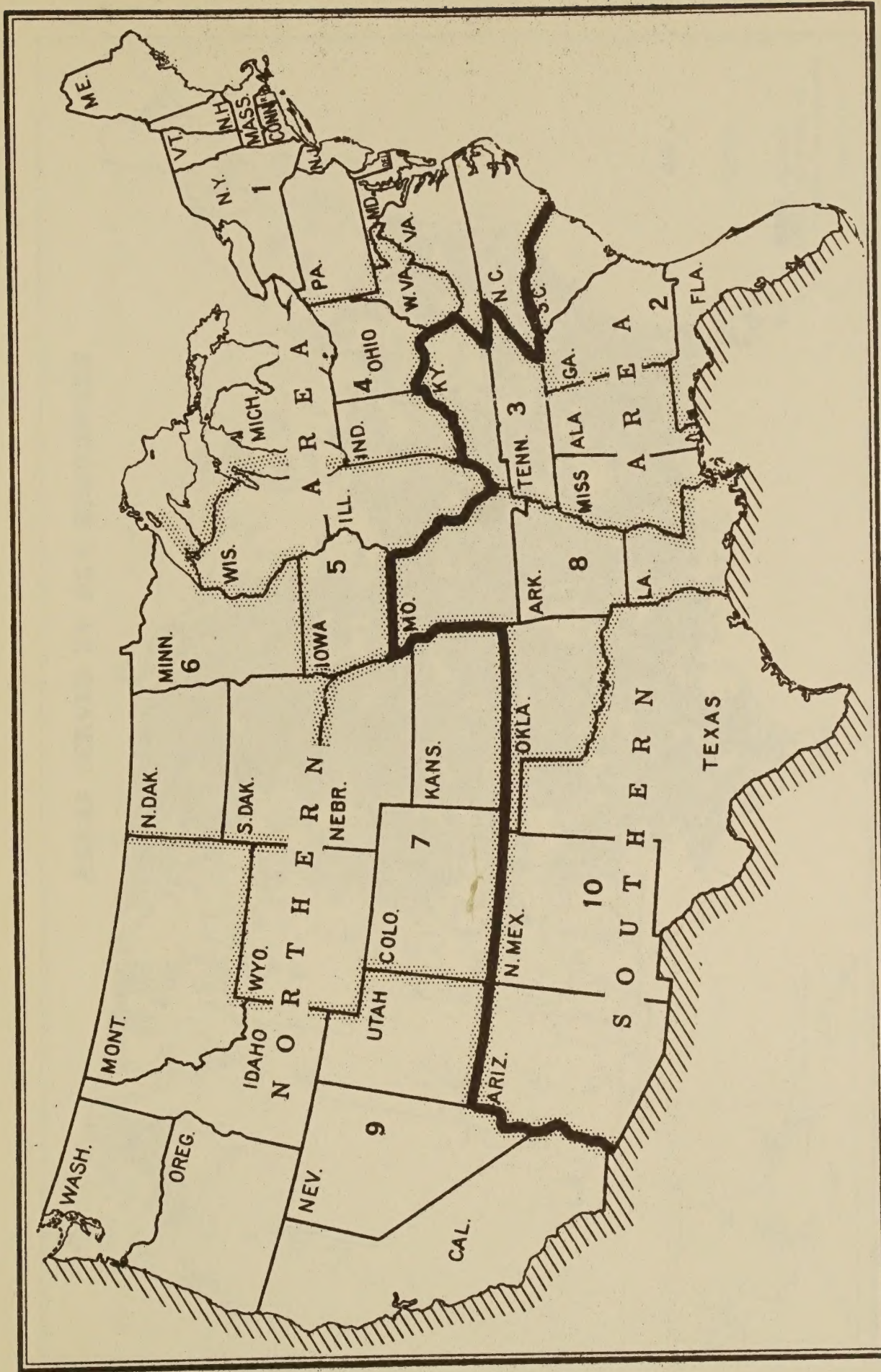
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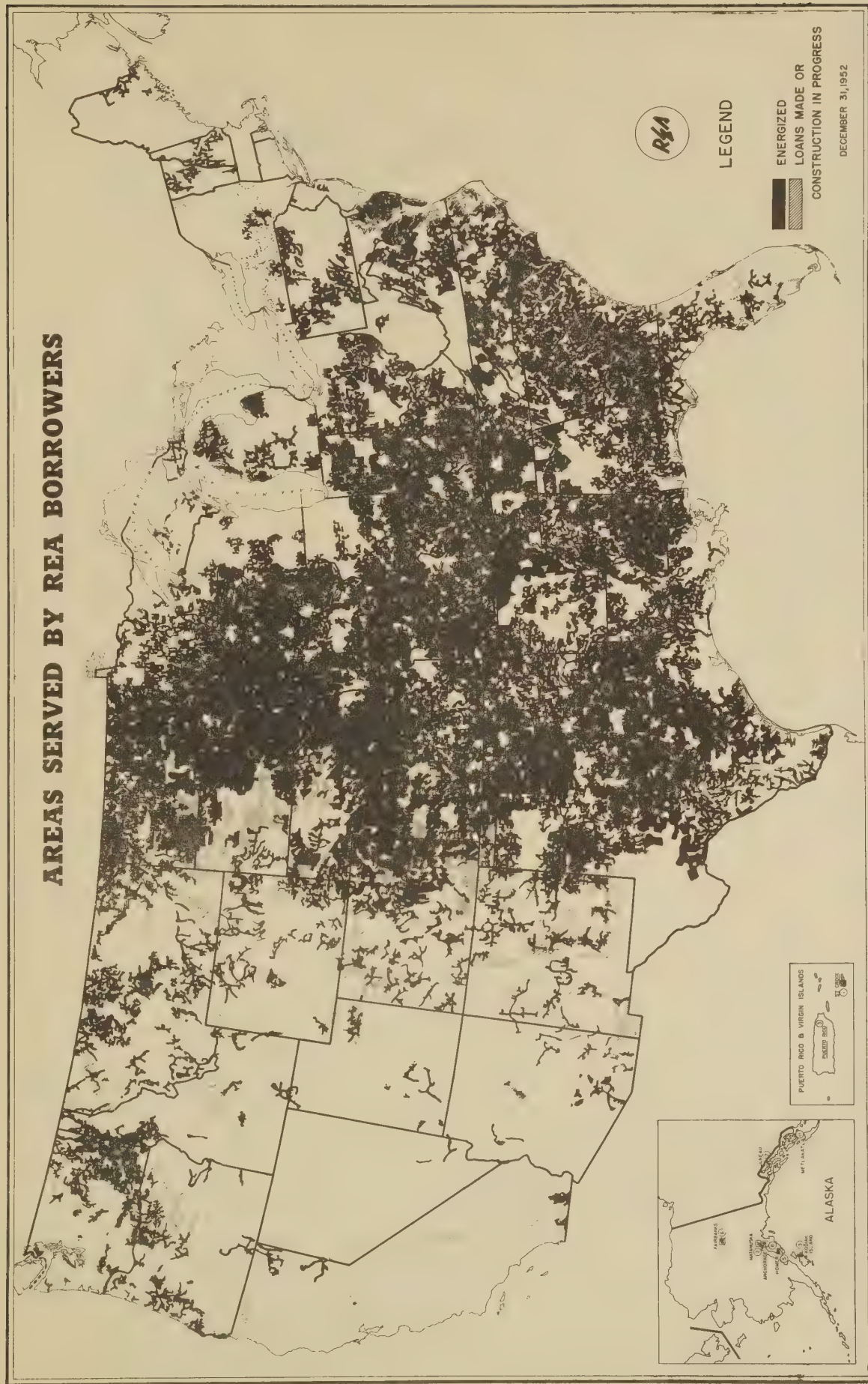
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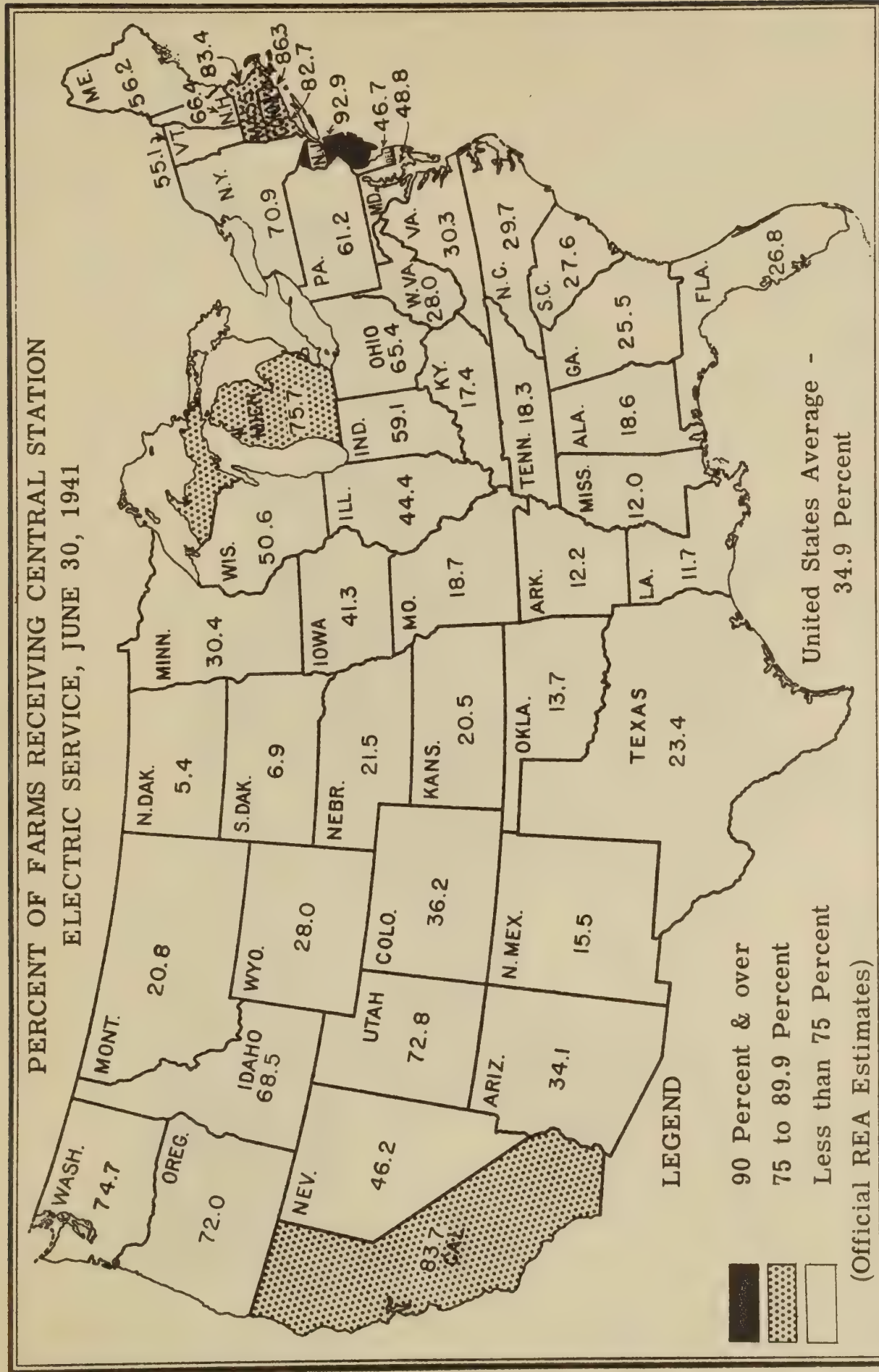
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AREAS ESTABLISHED FOR ADMINISTRATION OF THE RURAL ELECTRIC DISTRIBUTION PROGRAM





PERCENT OF FARMS RECEIVING CENTRAL STATION ELECTRIC SERVICE, JUNE 30, 1941



PERCENT OF FARMS RECEIVING CENTRAL STATION ELECTRIC SERVICE, JUNE 30, 1953

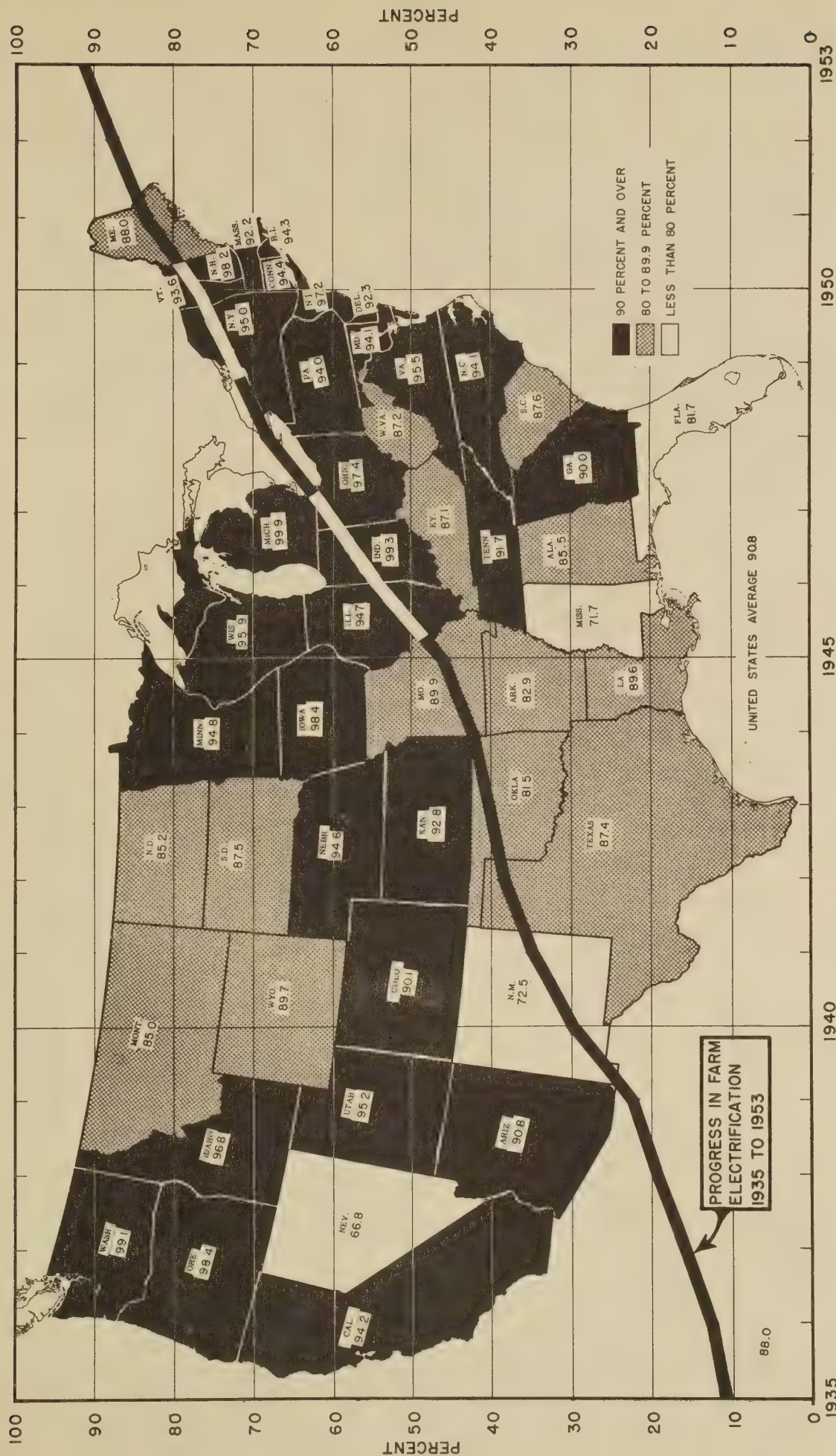
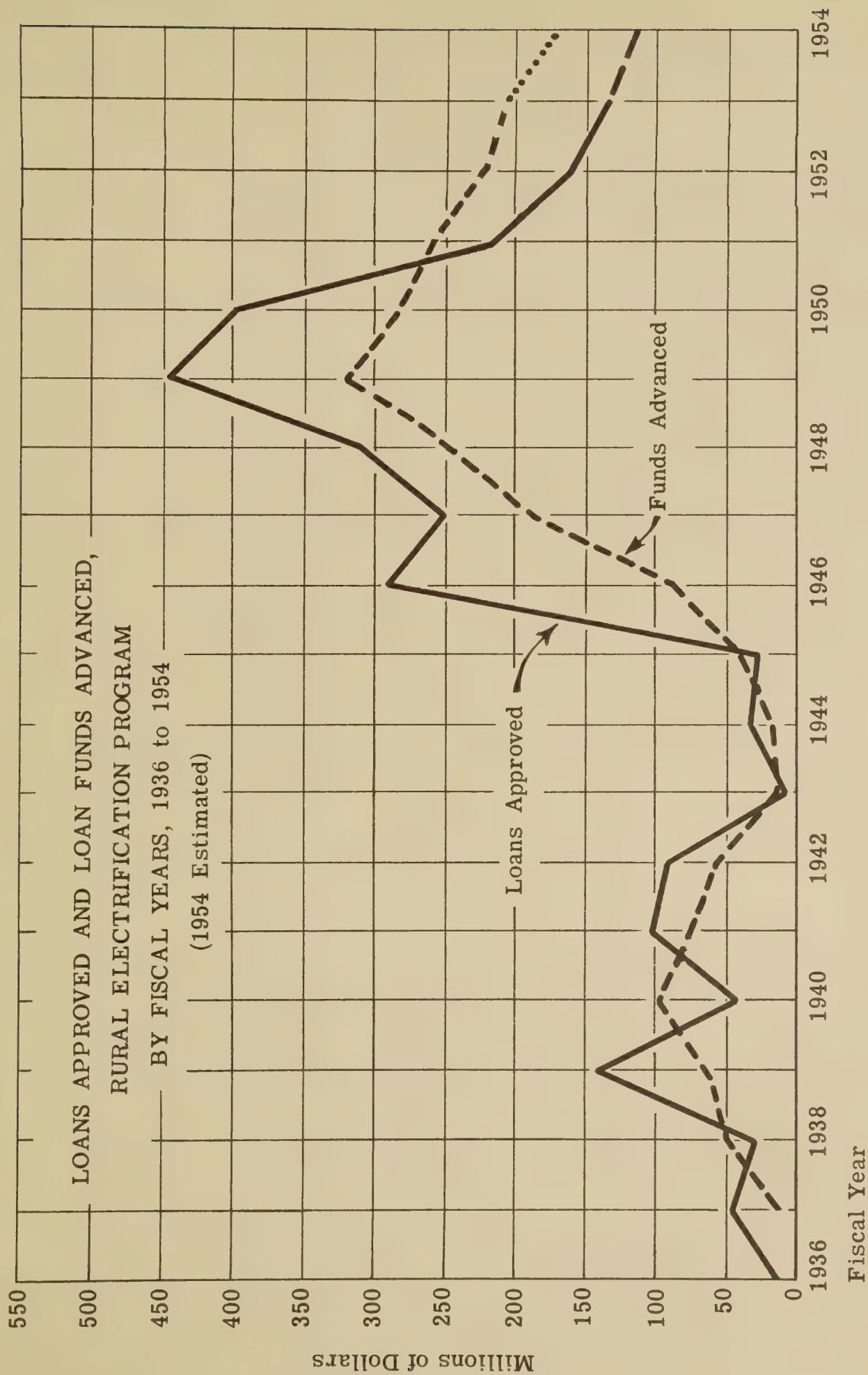
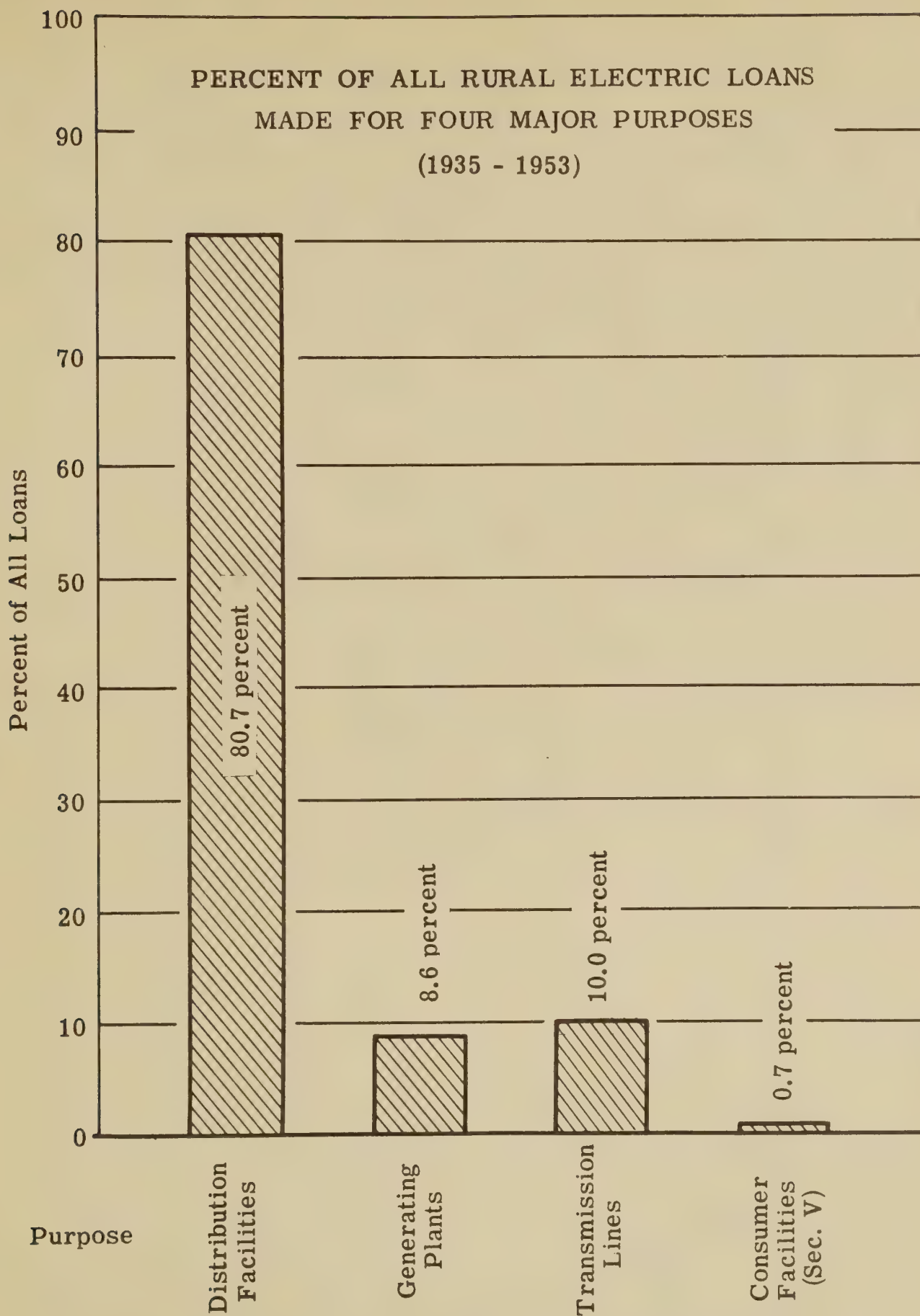


Figure 4



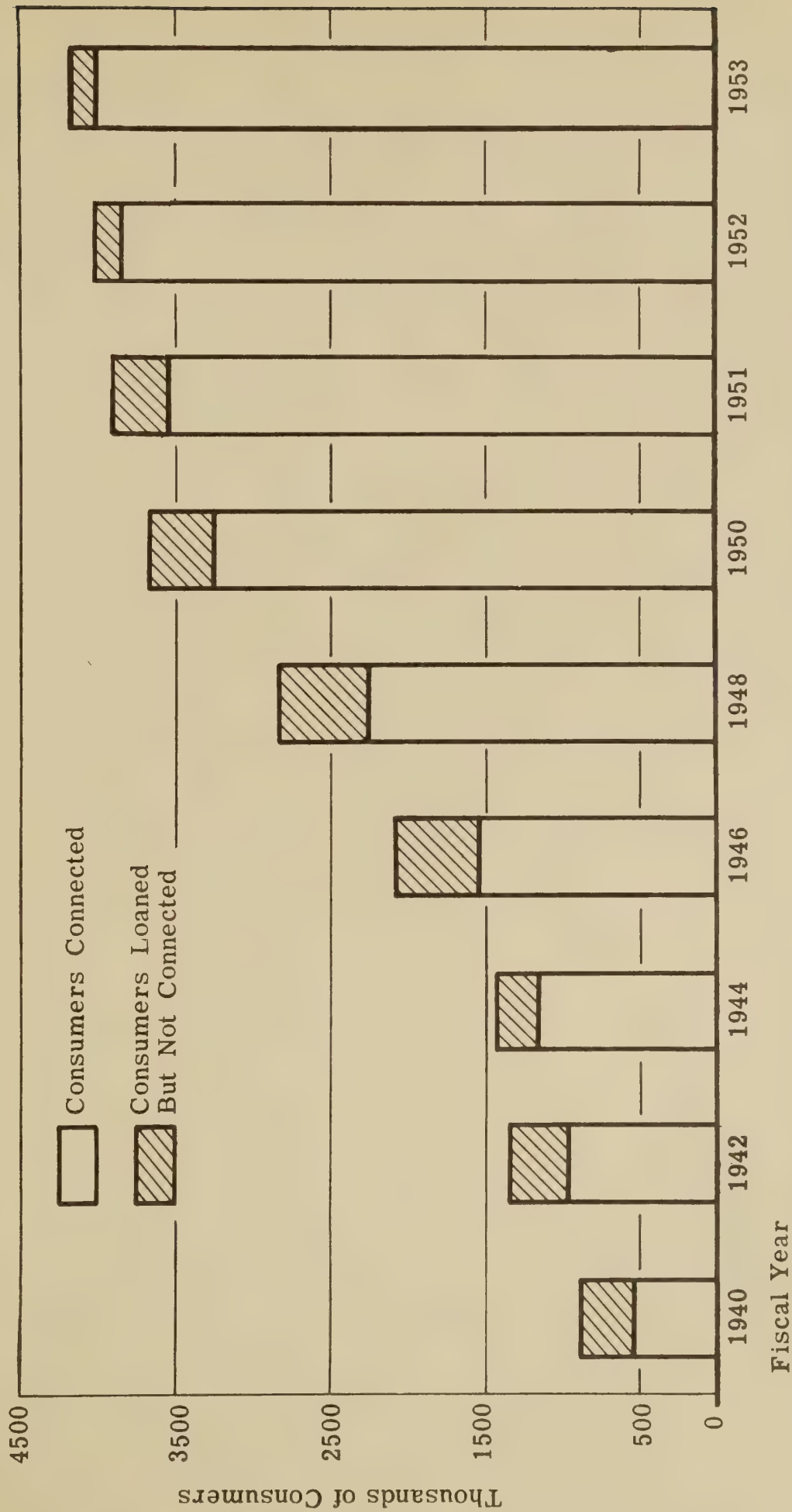


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Figure 6

CONSUMERS CONNECTED AND TO BE CONNECTED THROUGH ALL ELECTRIFICATION LOANS MADE



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Rural Electrification Administration

Figure 7

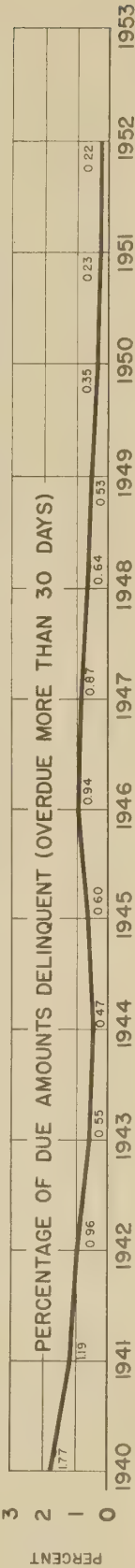
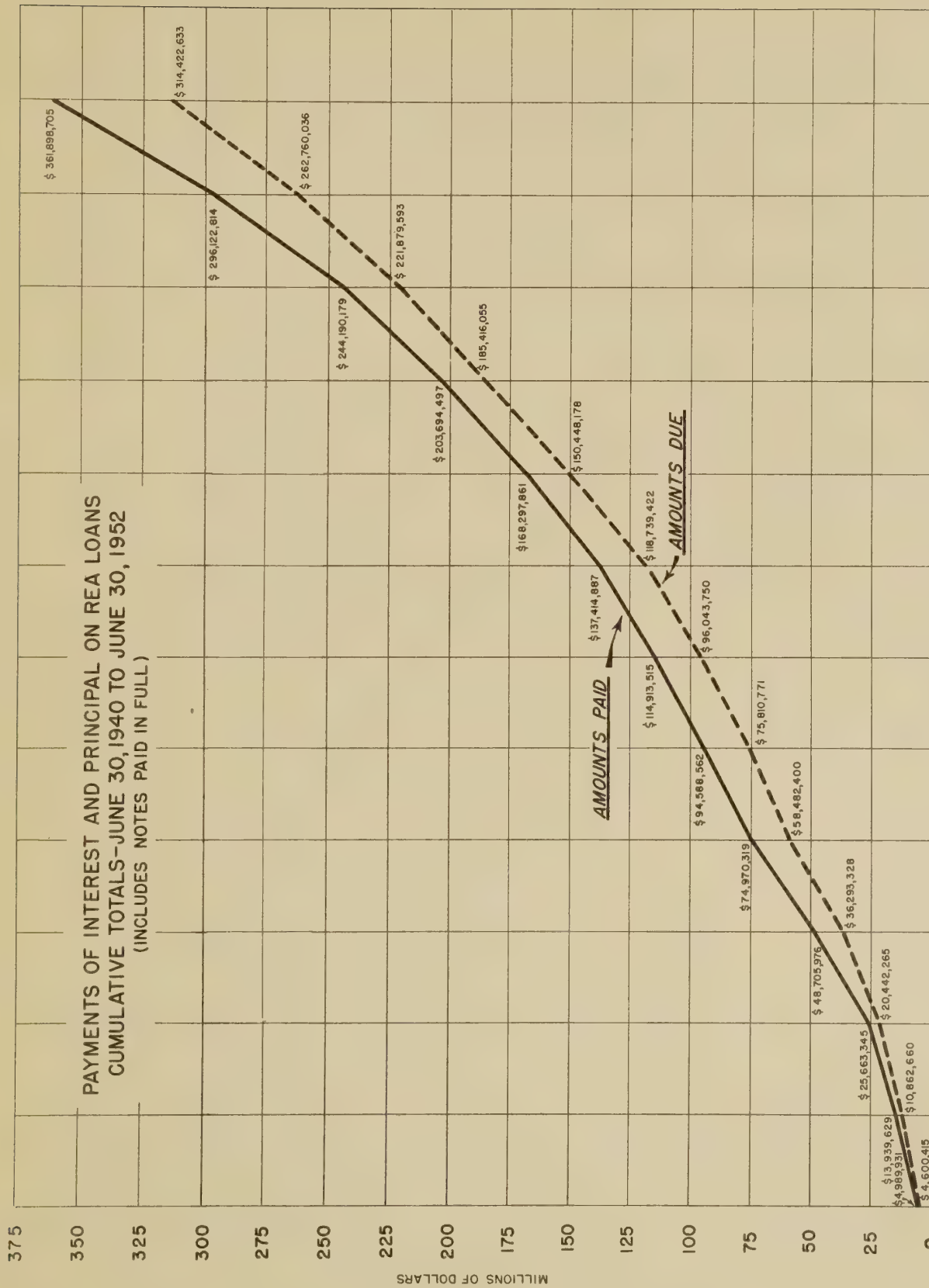


Figure 8

PRINCIPAL AND INTEREST DUE, AND LOAN FUNDS ADVANCED
FOR THE RURAL ELECTRIFICATION PROGRAM, 1945-1960
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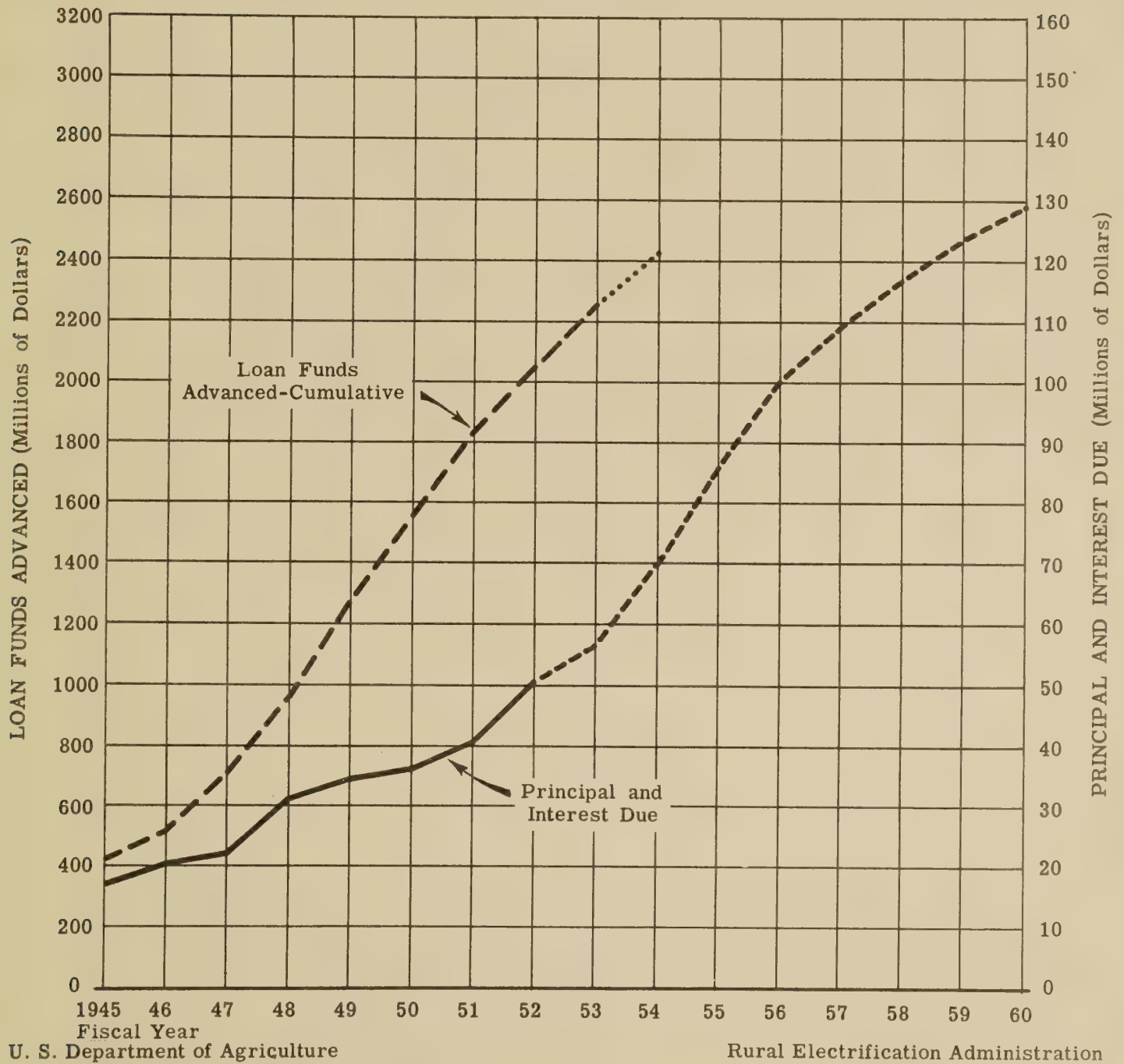
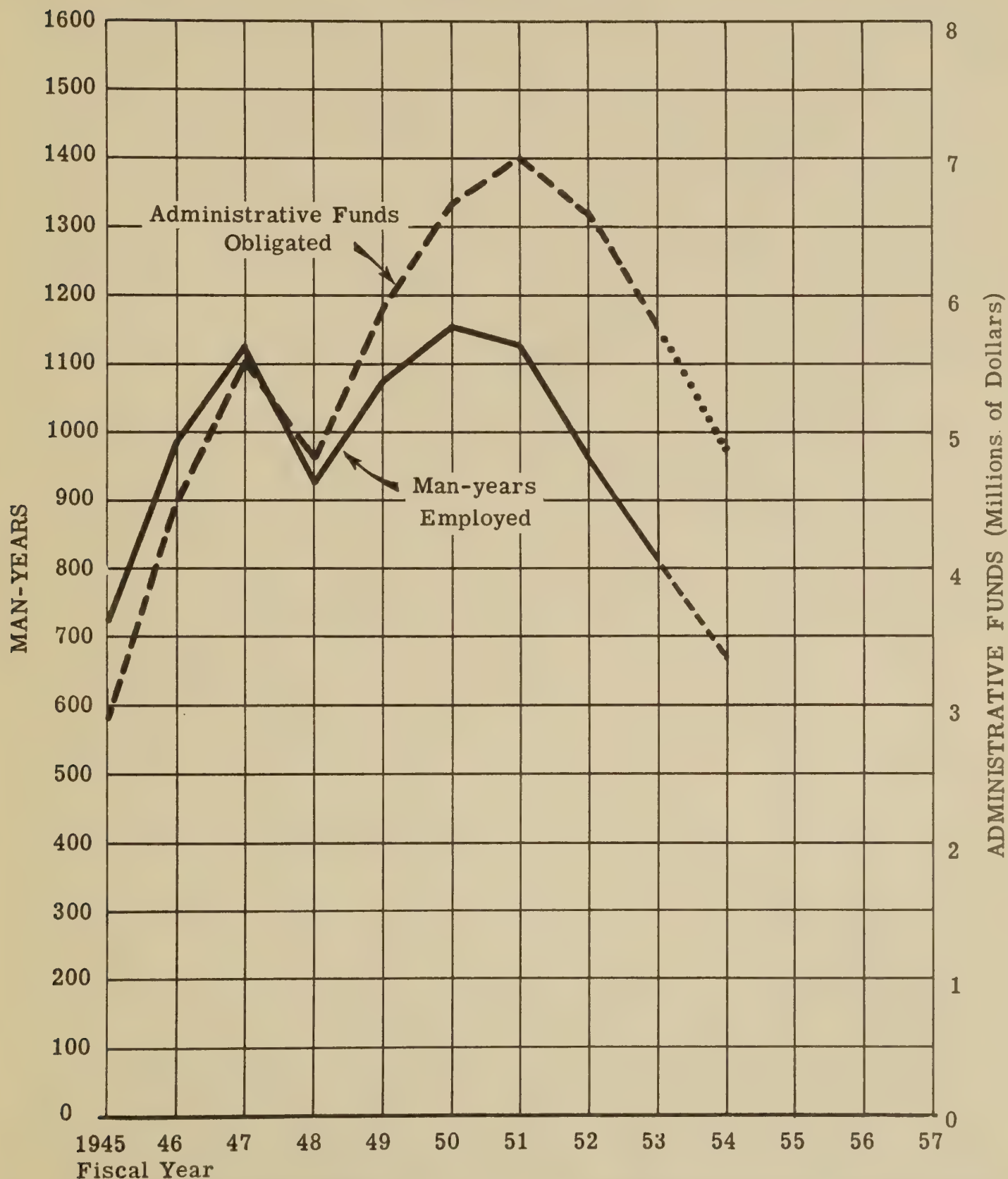


Figure 9

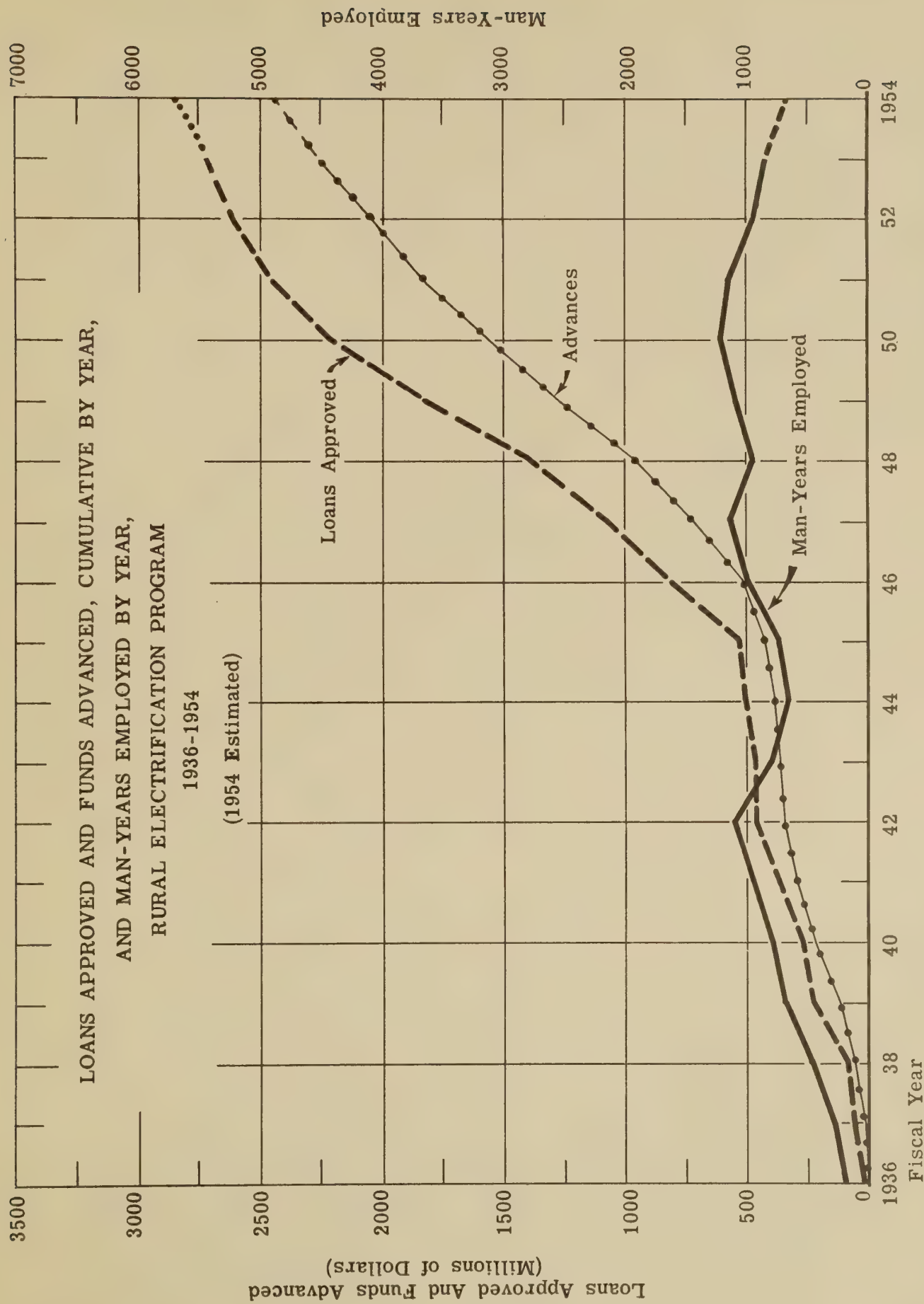
**ADMINISTRATIVE FUNDS OBLIGATED AND MAN-YEARS EMPLOYED
FOR THE RURAL ELECTRIFICATION PROGRAM, 1945-54**
(1954 Estimated)



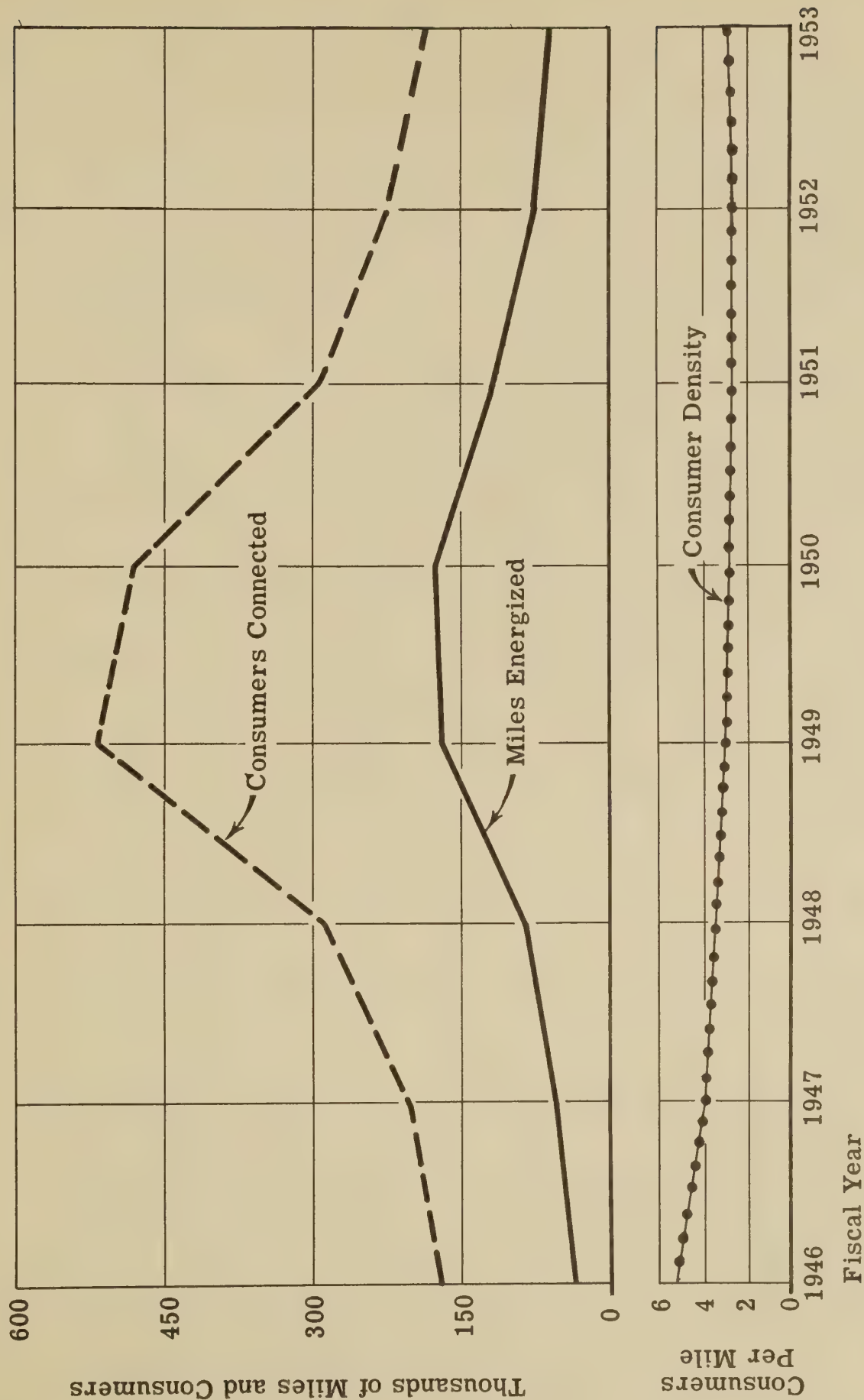
U. S. Department of Agriculture

Rural Electrification Administration

Figure 10



MILES ENERGIZED, CONSUMERS CONNECTED AND CONSUMER DENSITY, BY FISCAL YEARS ELECTRIC BORROWERS, 1946-1953



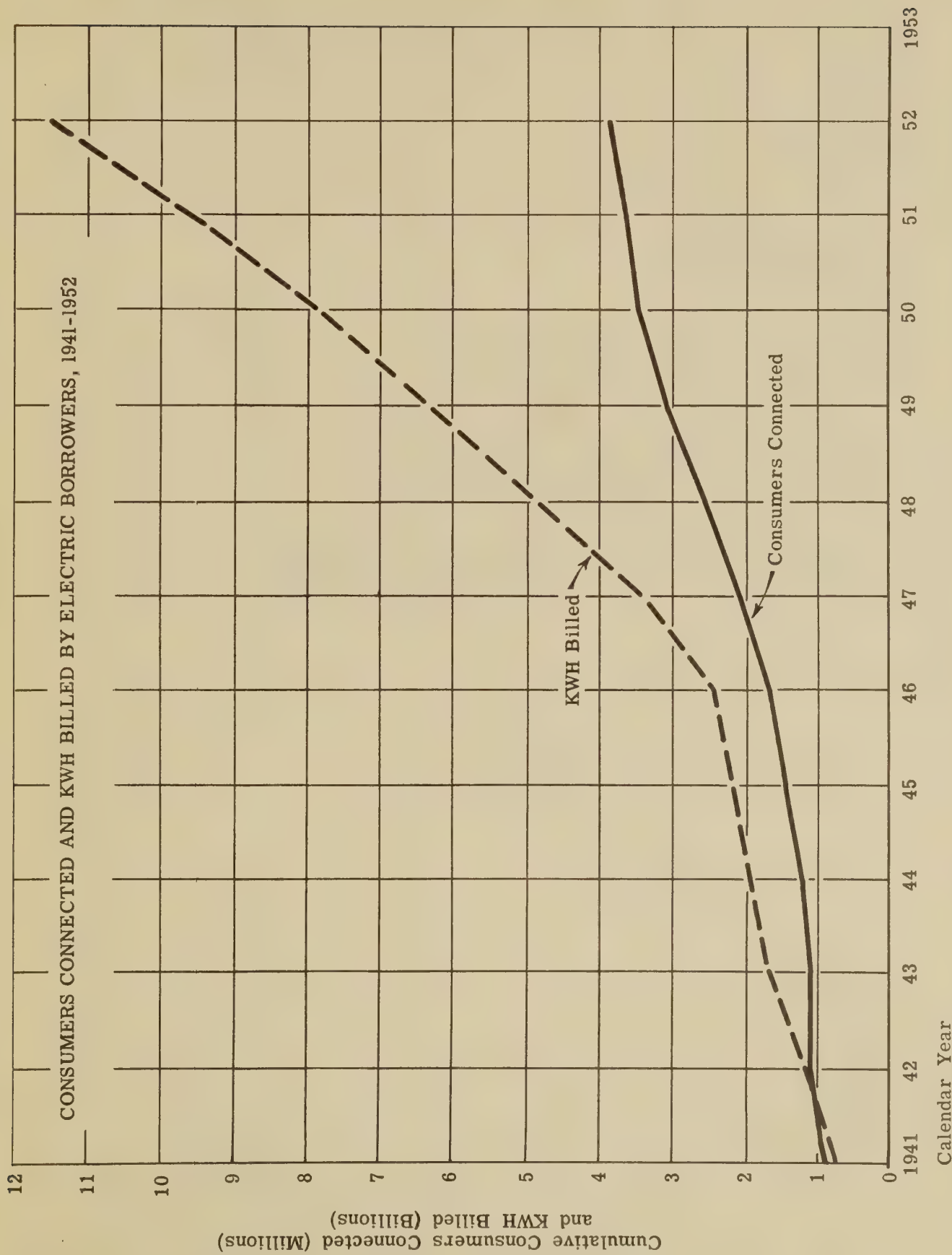
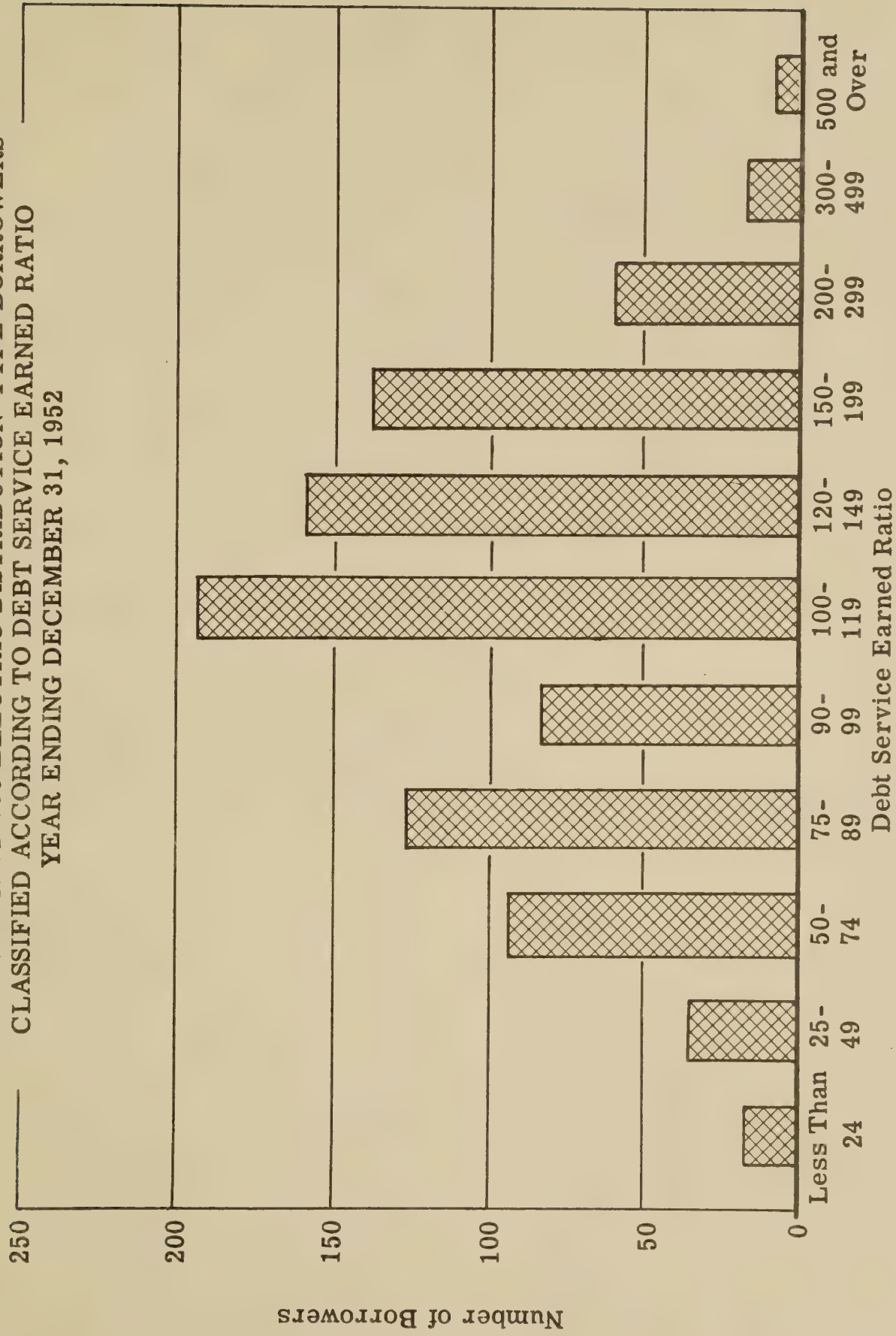
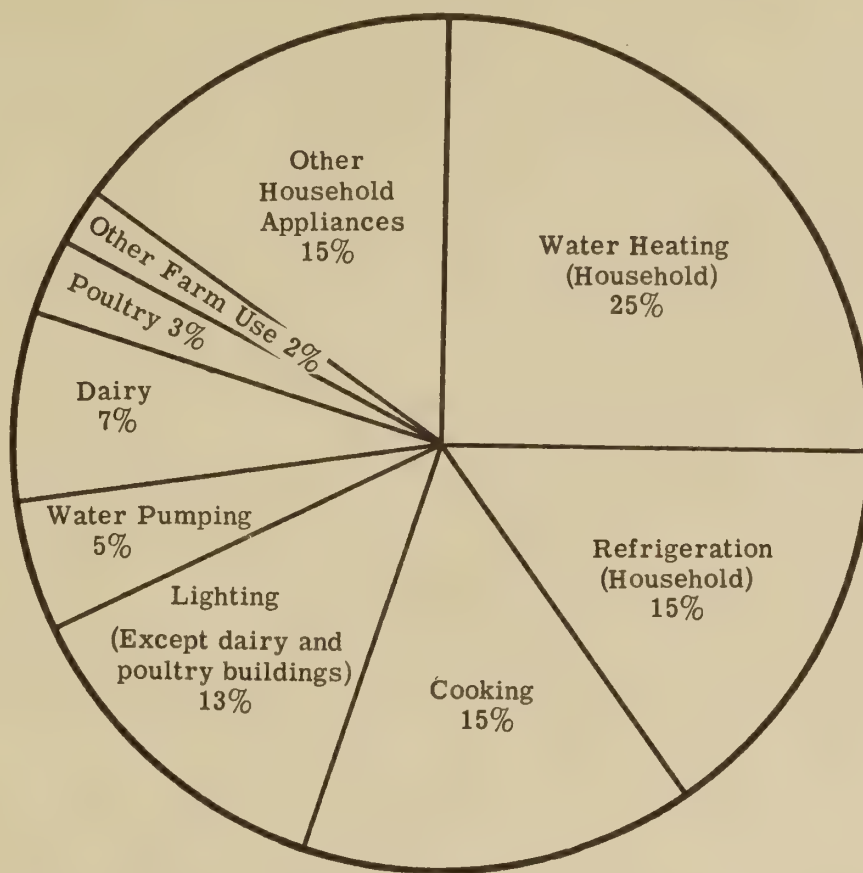


Figure 13

DISTRIBUTION OF 936 ELECTRIC DISTRIBUTION-TYPE BORROWERS
CLASSIFIED ACCORDING TO DEBT SERVICE EARNED RATIO
YEAR ENDING DECEMBER 31, 1952



PERCENTAGE DISTRIBUTION OF ELECTRICITY USED ON FARMS, BY TYPE OF USE
COMPOSITE OF BAE STUDIES IN 9 AREAS 1/

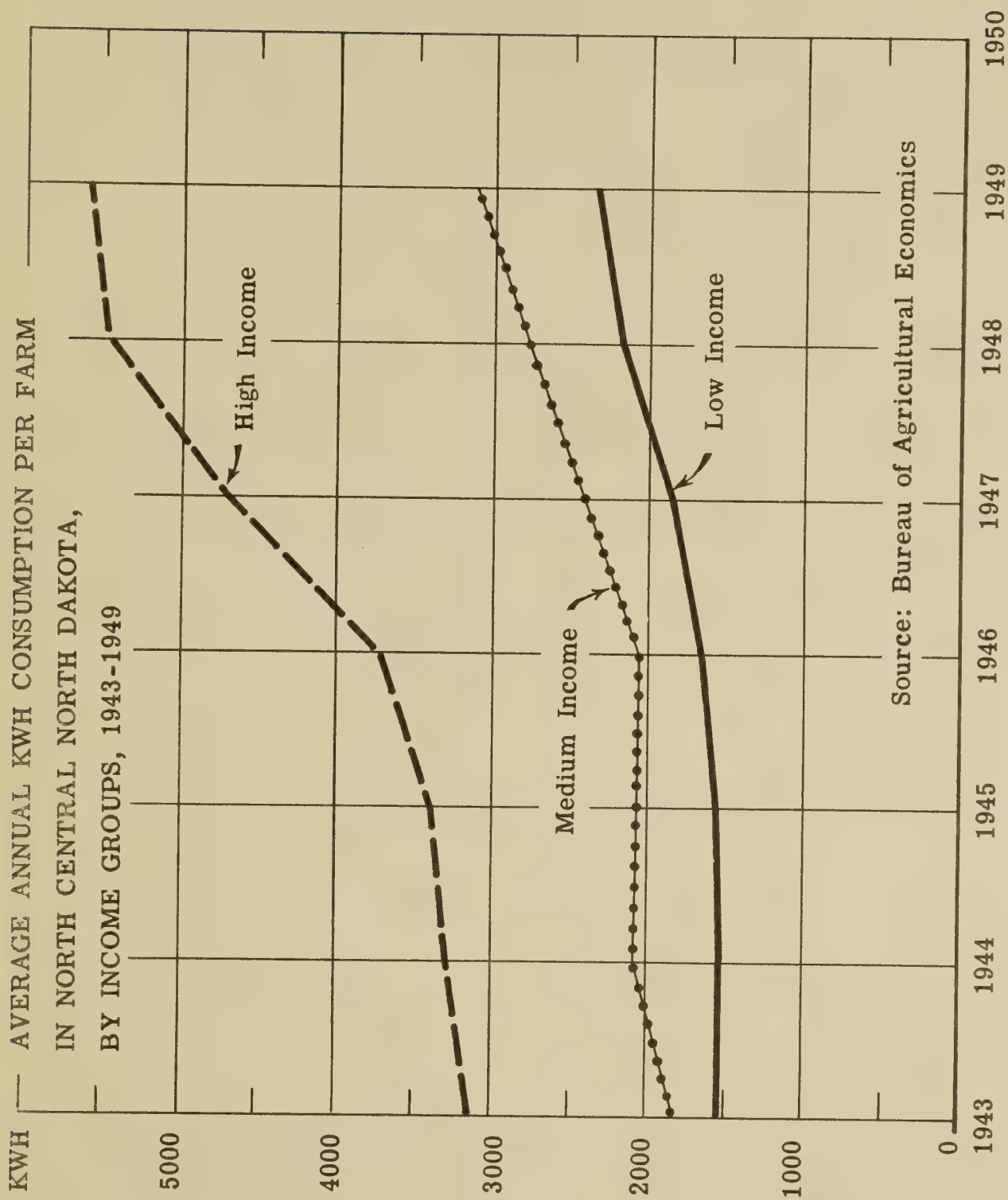


1/ Studies in Georgia, Iowa, Kansas, Mississippi, North Dakota, Tennessee, Eastern Washington, Northwestern Washington and the New York-New England Area.

PERCENT OF ELECTRIFIED FARMS USING SPECIFIED APPLIANCES AND EQUIPMENT 2/

APPLIANCE	PERCENT	APPLIANCE	PERCENT
1. Lights	100	16. Percolator	20
2. Iron	93	17. Freezer Cabinet	19
3. Radio	91	18. Tool Grinder	18
4. Refrigerator	79	19. Household Water Heater	18
5. Washing Machine	79	20. Drill Press	17
6. Toaster	56	21. Livestock Watering	16
7. Clock	46	22. Sewing Machine	16
8. Pressure Water System	42	23. Brooder Hover	13
9. Vacuum Cleaner	42	24. Milking Machine	12
10. Food Mixer	35	25. Space Heater	12
11. Waffle Iron	33	26. Power Saw	11
12. Hot Plate	27	27. Soldering Iron	10
13. Household Fan	24	28. Cream Separator	10
14. Heating Pad	22	29. Milk Cooler	7
15. Range	22	30. Television	5

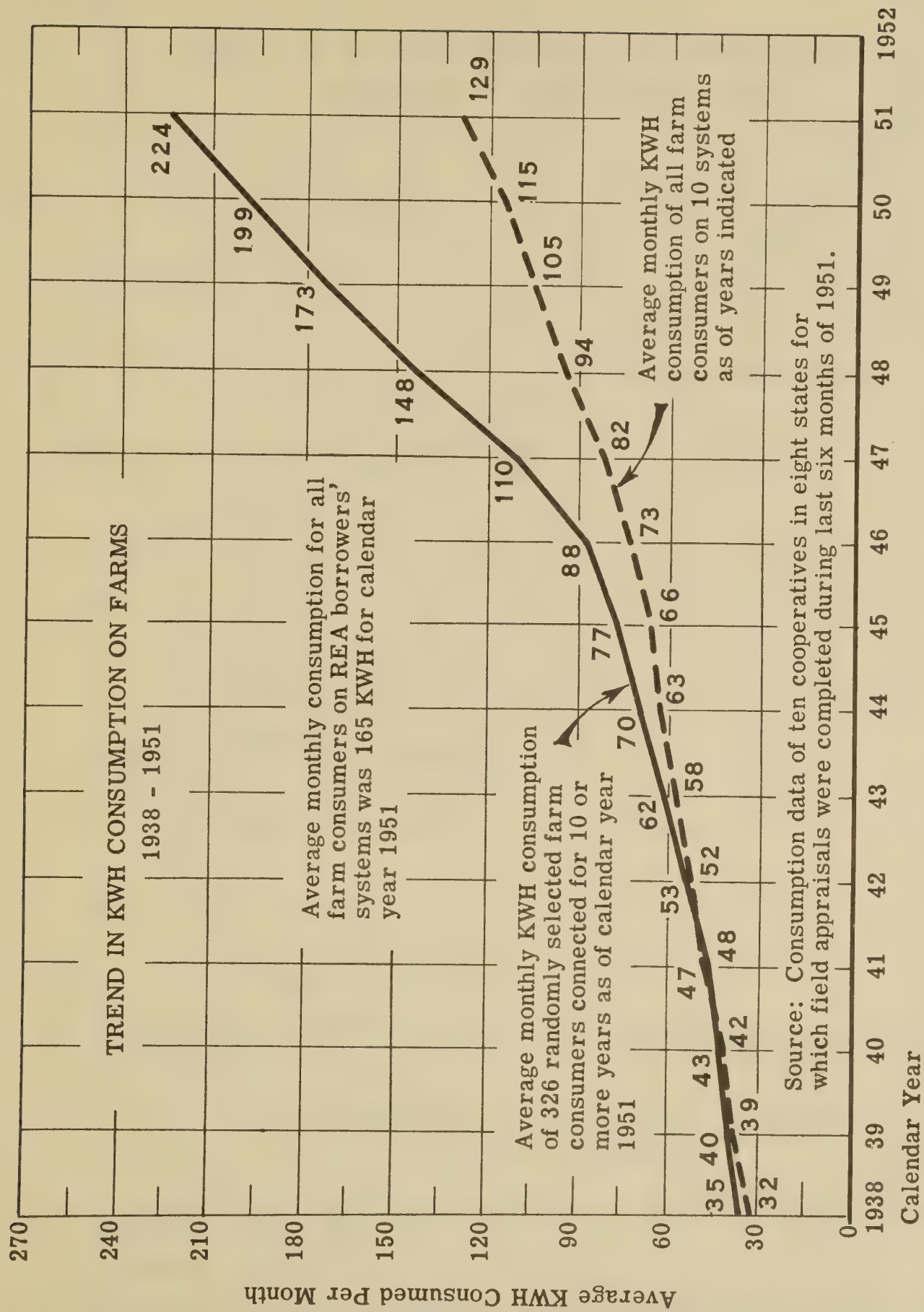
2/ Composite results of field appraisals of 44 REA Borrowers made between May 1951 and July 1953 and scattered throughout the U. S.

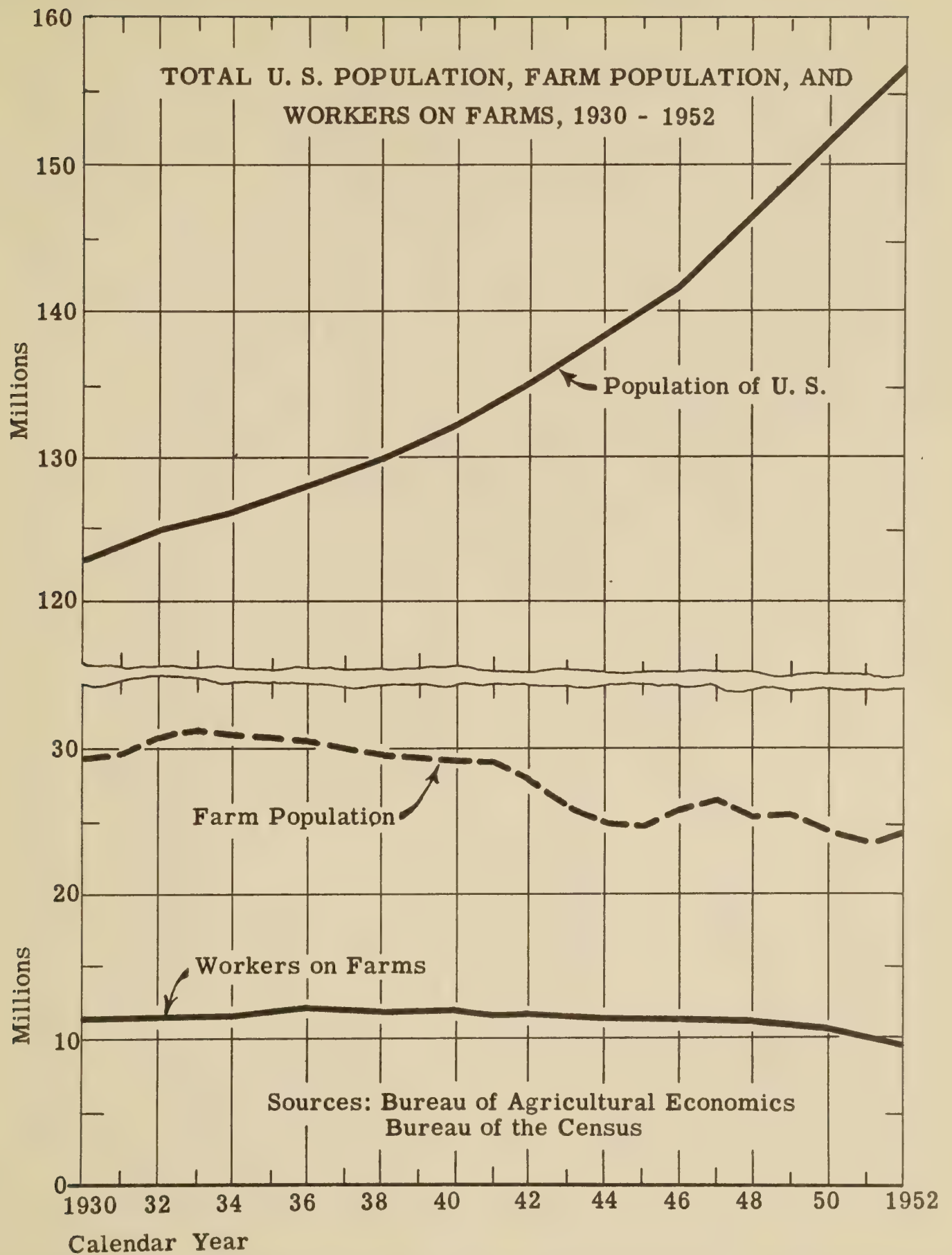


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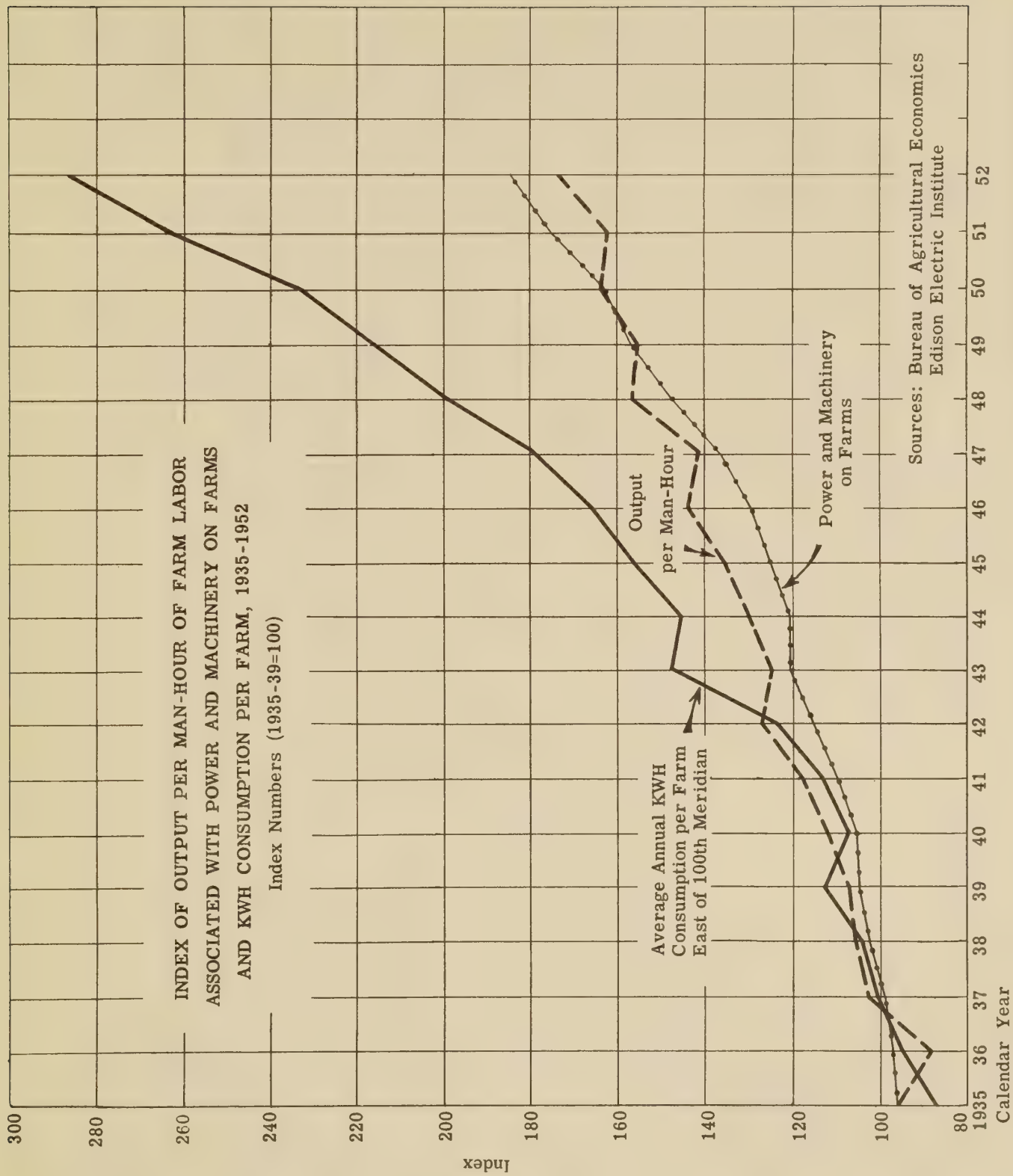
Rural Electrification Administration

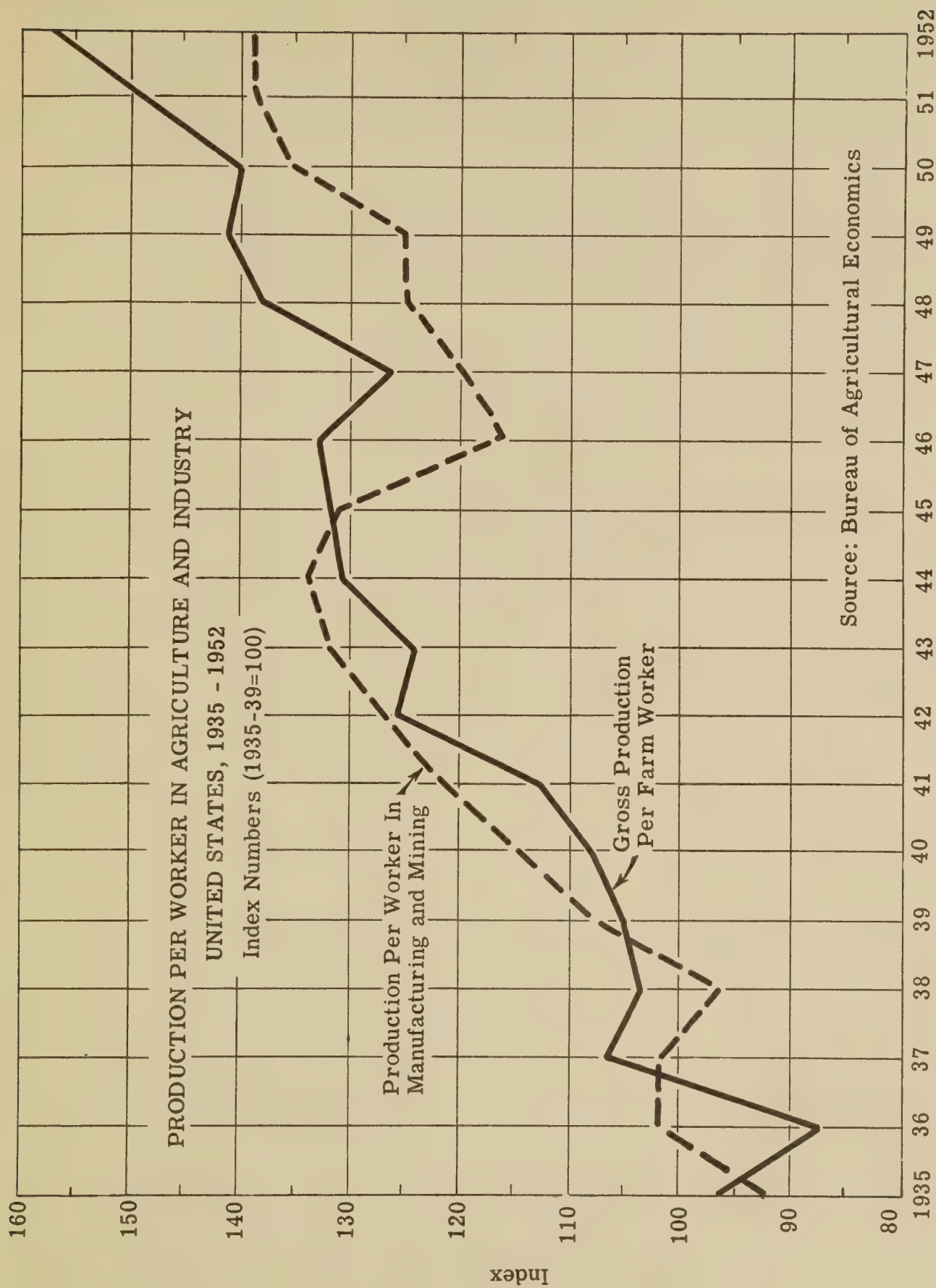
Figure 16





U. S. Department of Agriculture Rural Electrification Administration
Figure 18



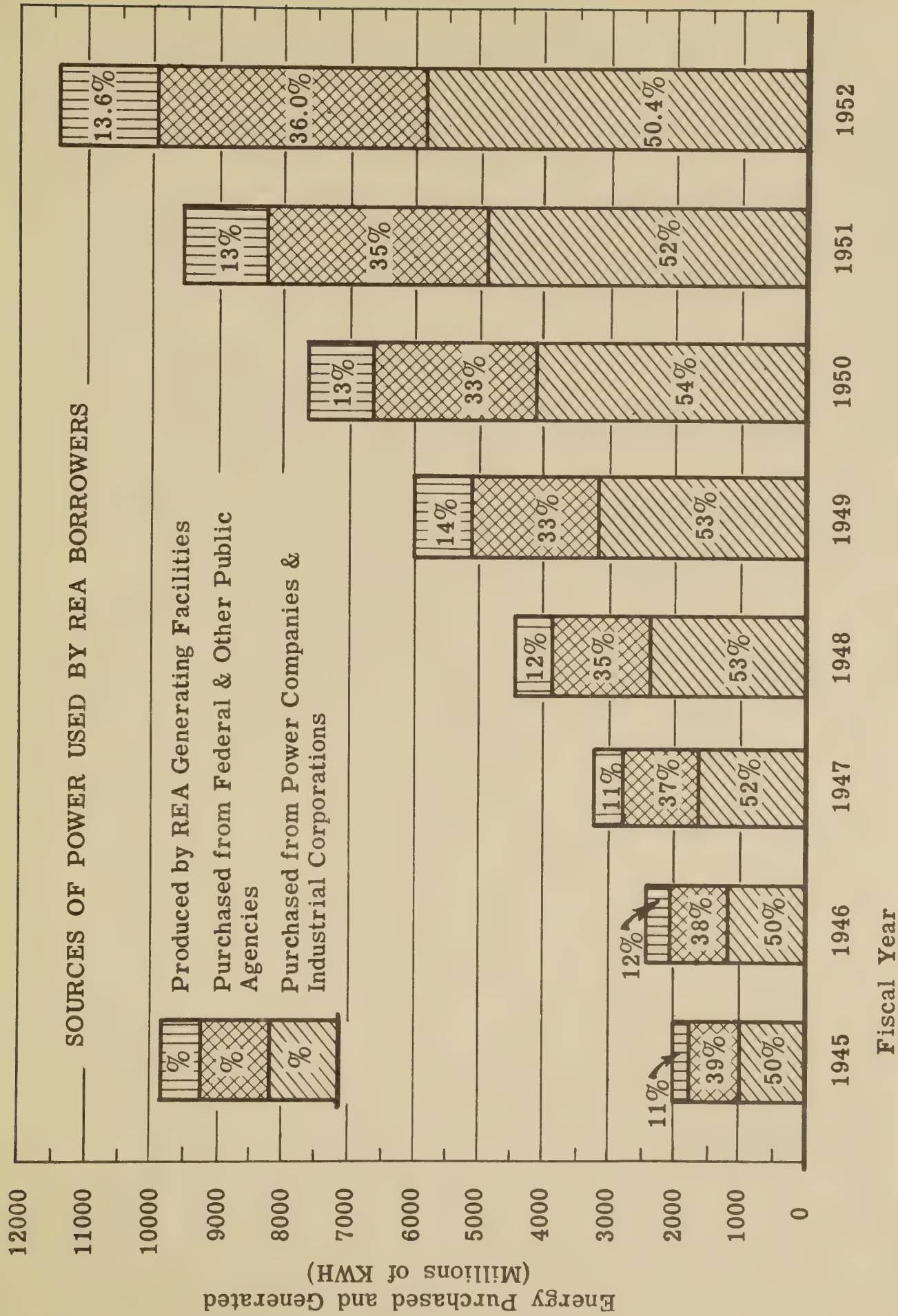


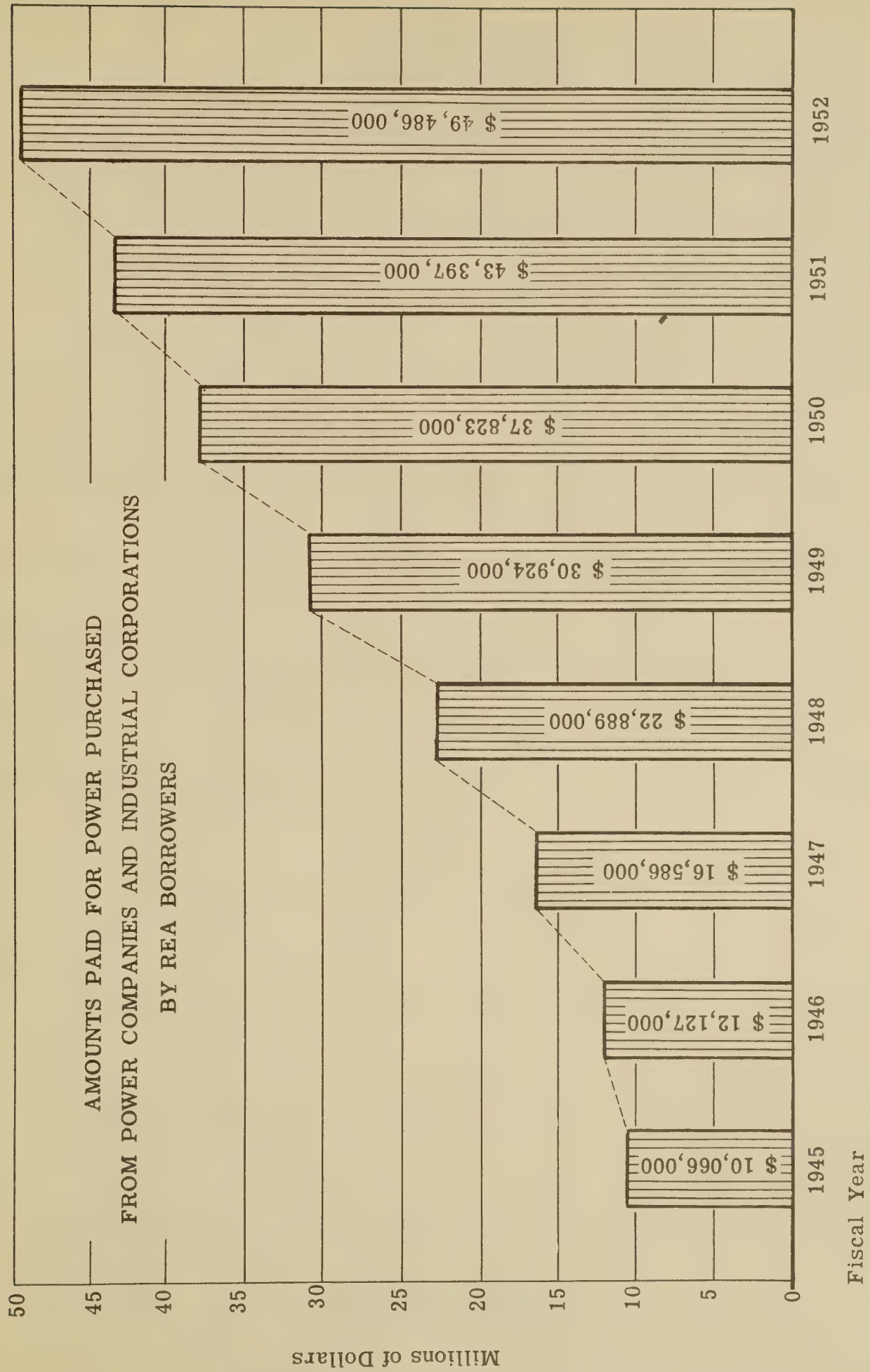
Calendar Year

U. S. Department of Agriculture

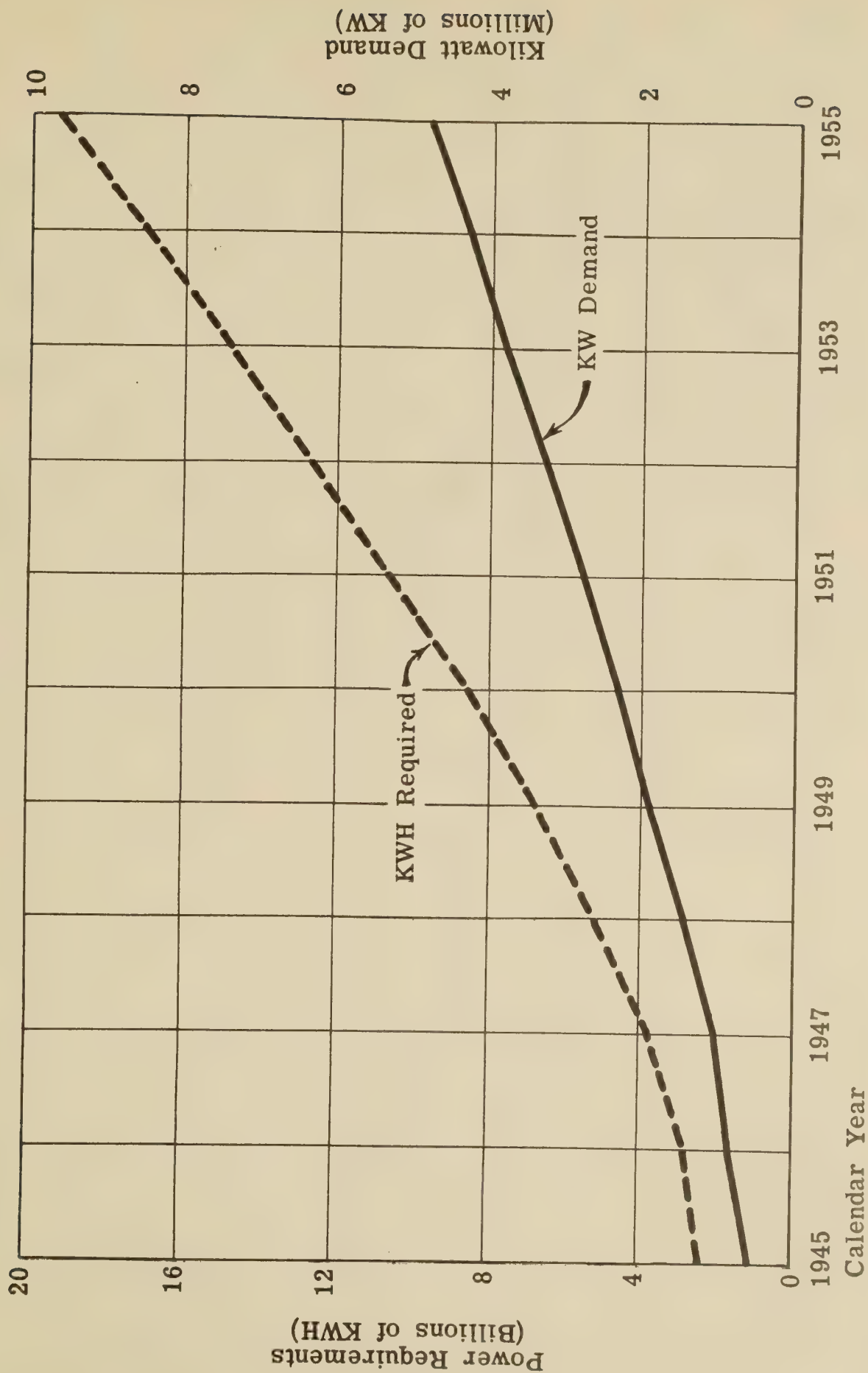
Rural Electrification Administration

Figure 20

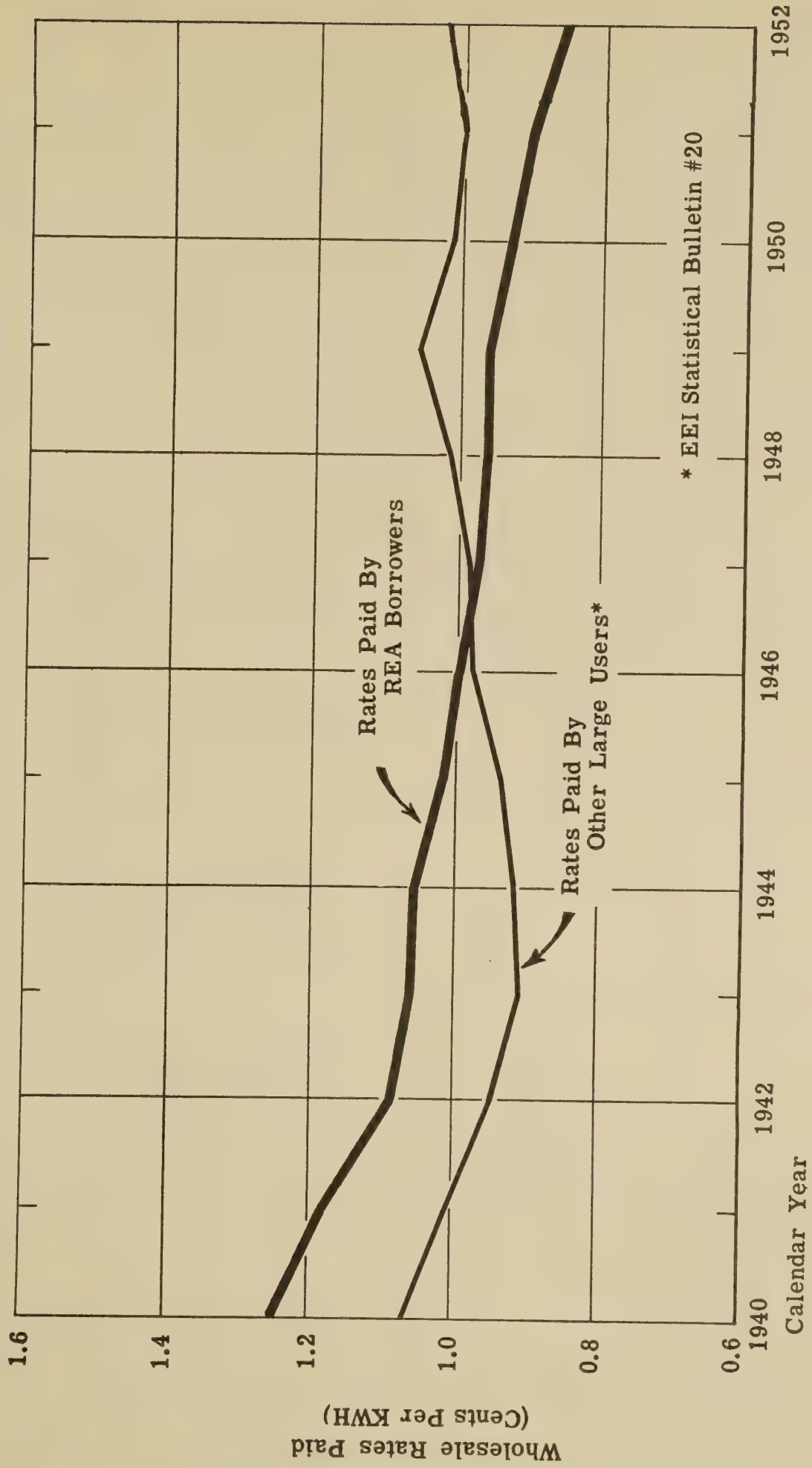


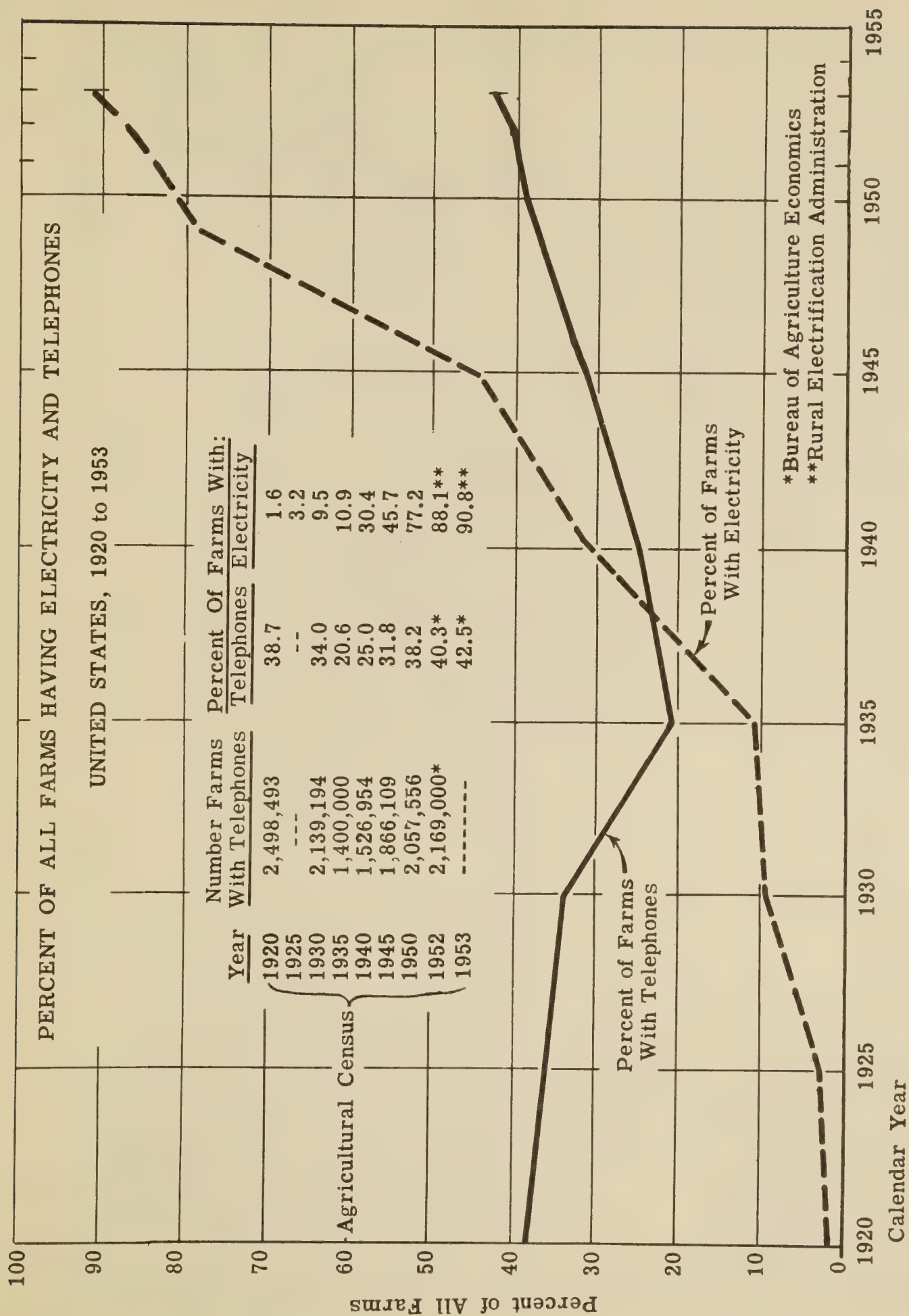


POWER REQUIREMENTS OF REA BORROWERS (1945 to 1955)

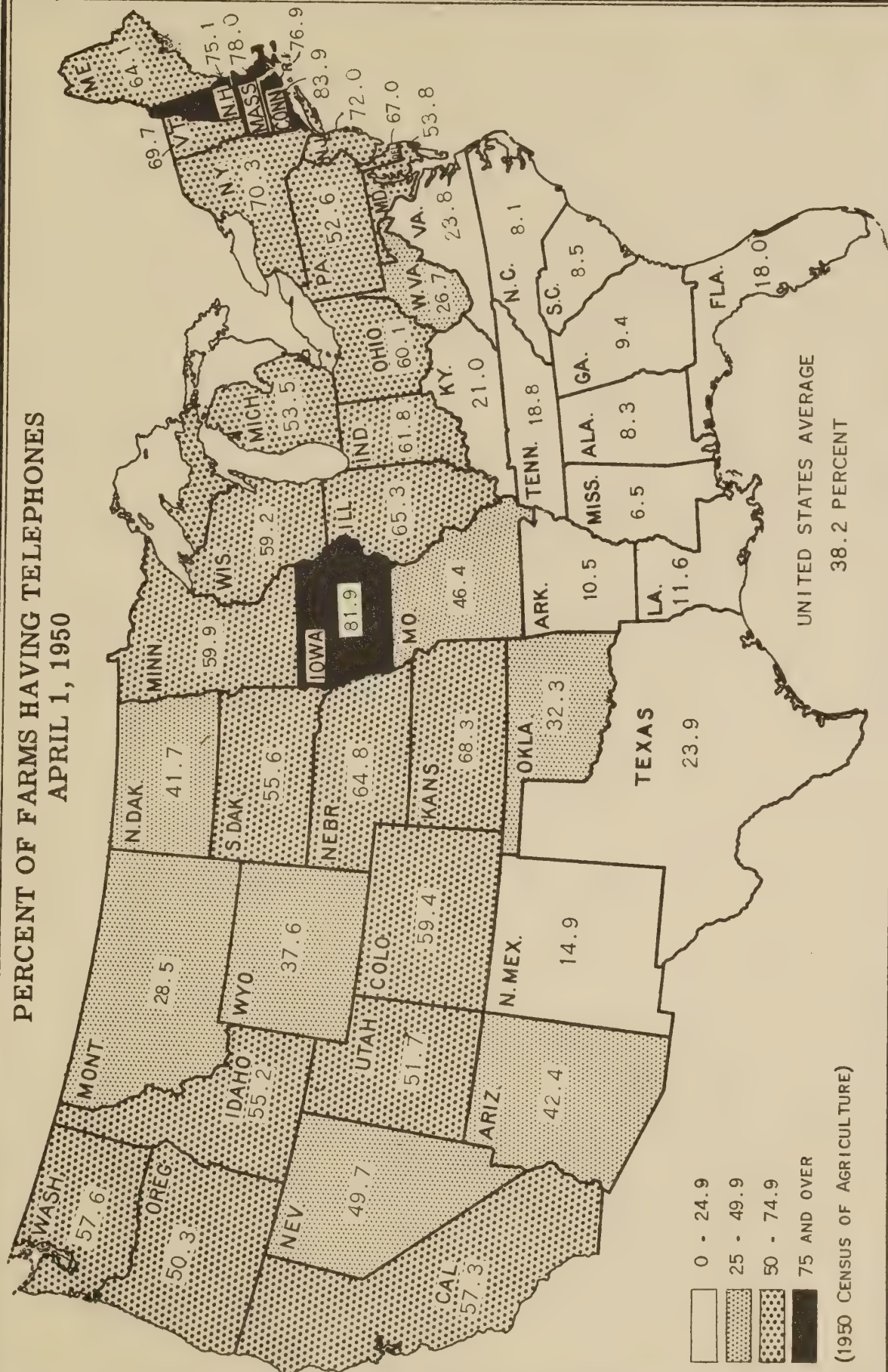


COMPARISON OF WHOLESALE RATES PAID TO COMMERCIAL POWER COMPANIES BY REA BORROWERS AND OTHER LARGE LIGHT AND POWER USERS



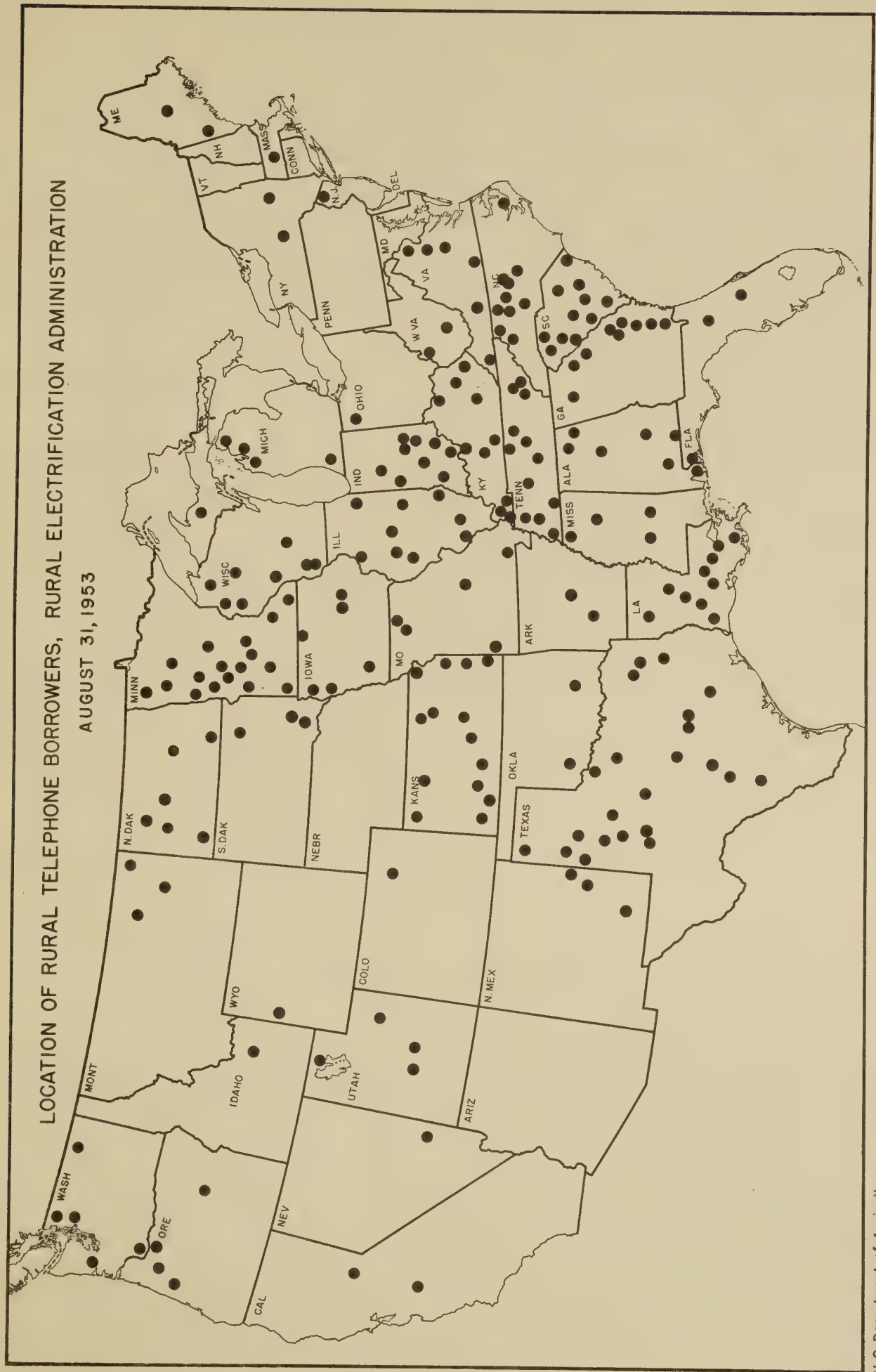


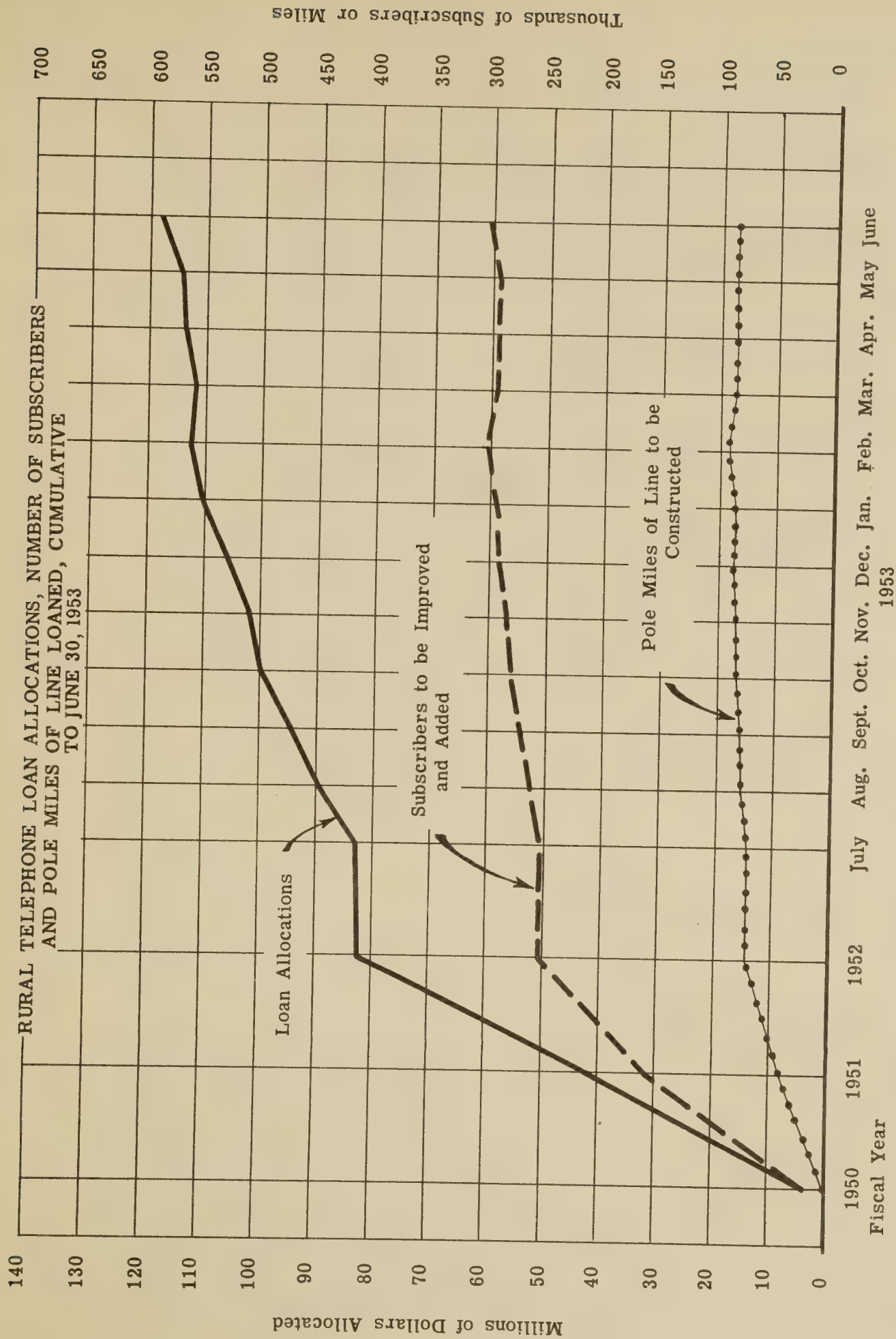
PERCENT OF FARMS HAVING TELEPHONES APRIL 1, 1950



(1950 CENSUS OF AGRICULTURE)

Figure 26

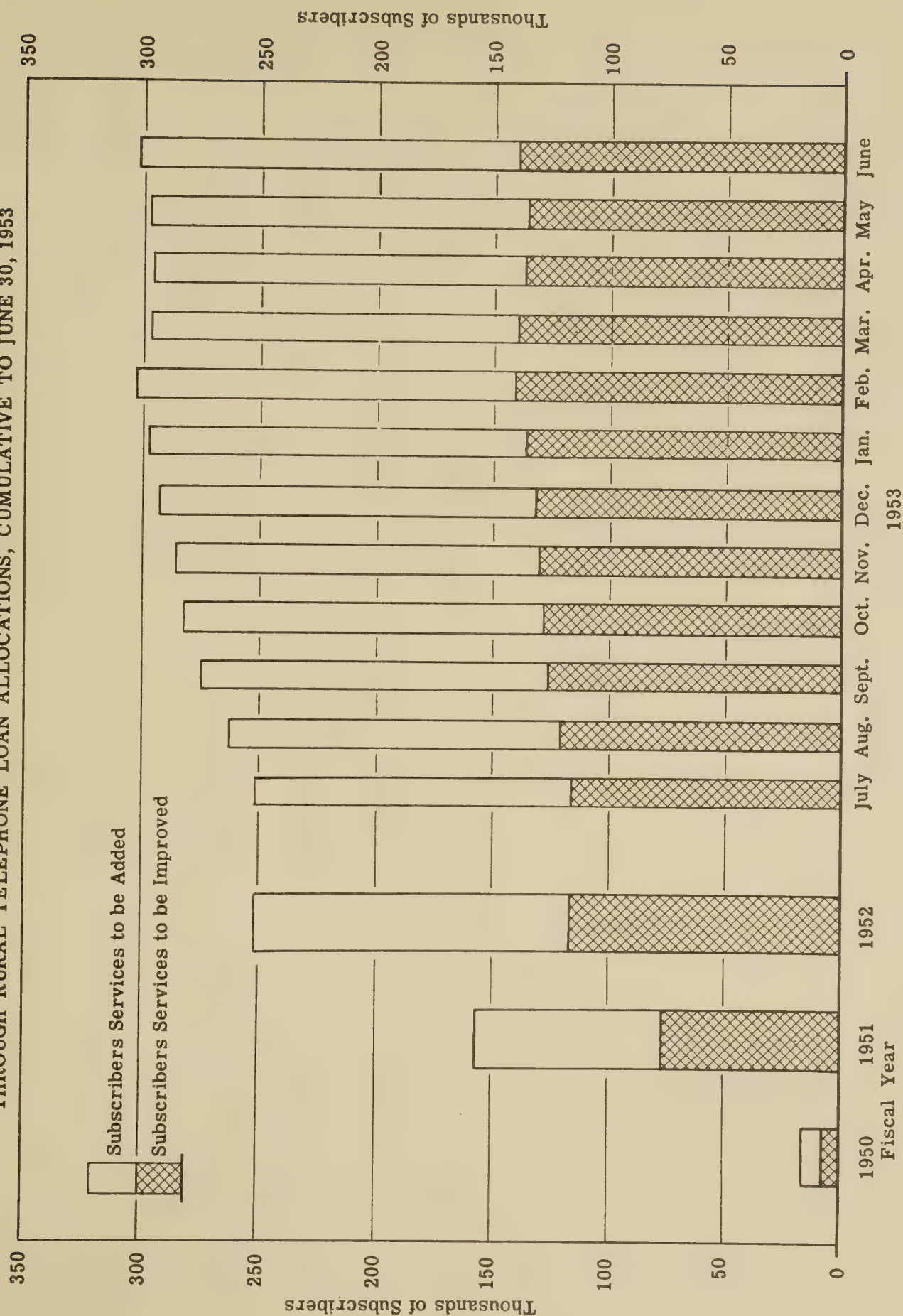




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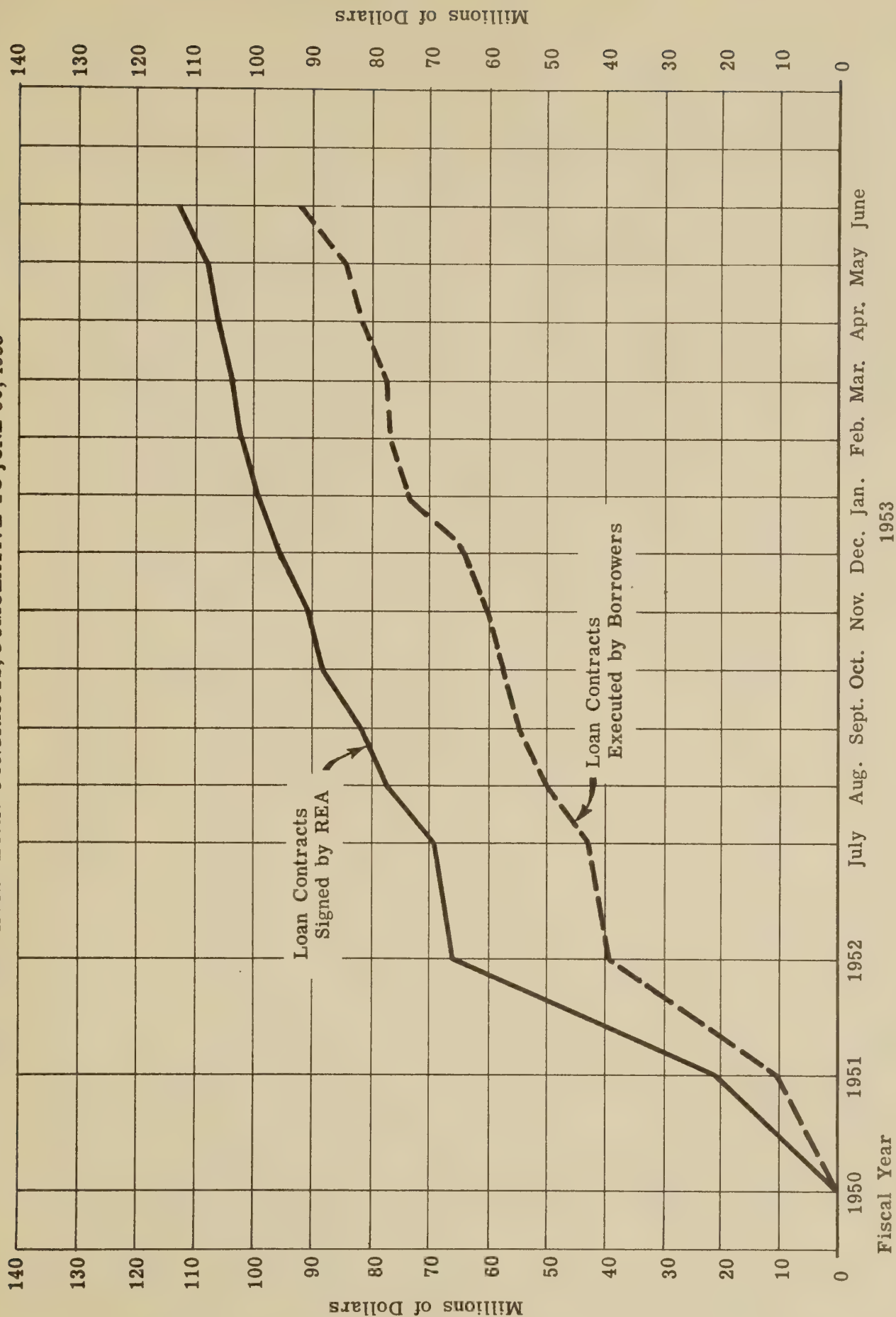
Figure 28

SUBSCRIBERS' SERVICES TO BE IMPROVED AND ADDED THROUGH RURAL TELEPHONE LOAN ALLOCATIONS, CUMULATIVE TO JUNE 30, 1953



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Rural Electrification Administration
Figure 29

RURAL TELEPHONE LOAN CONTRACTS, CUMULATIVE TO JUNE 30, 1953



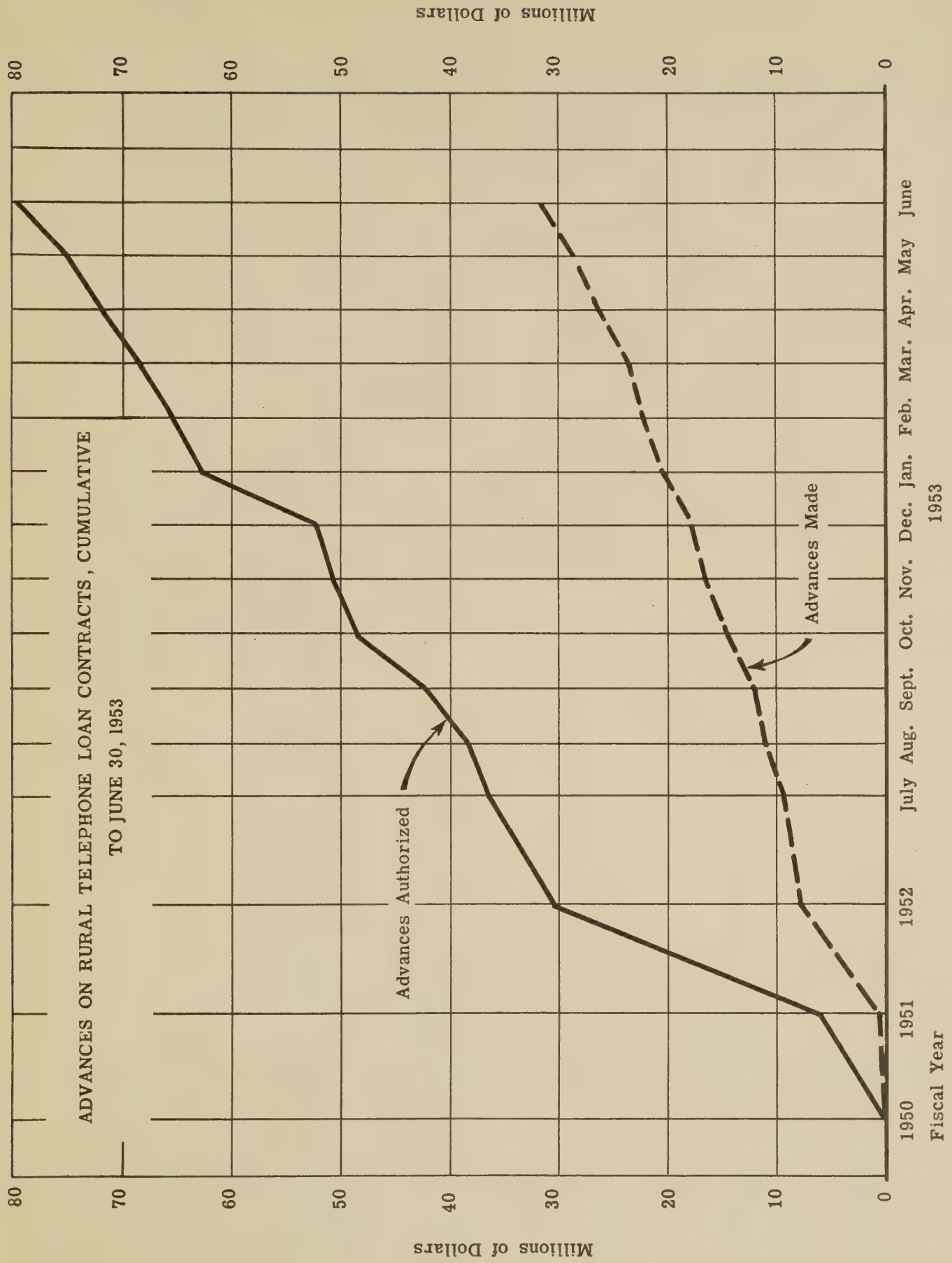
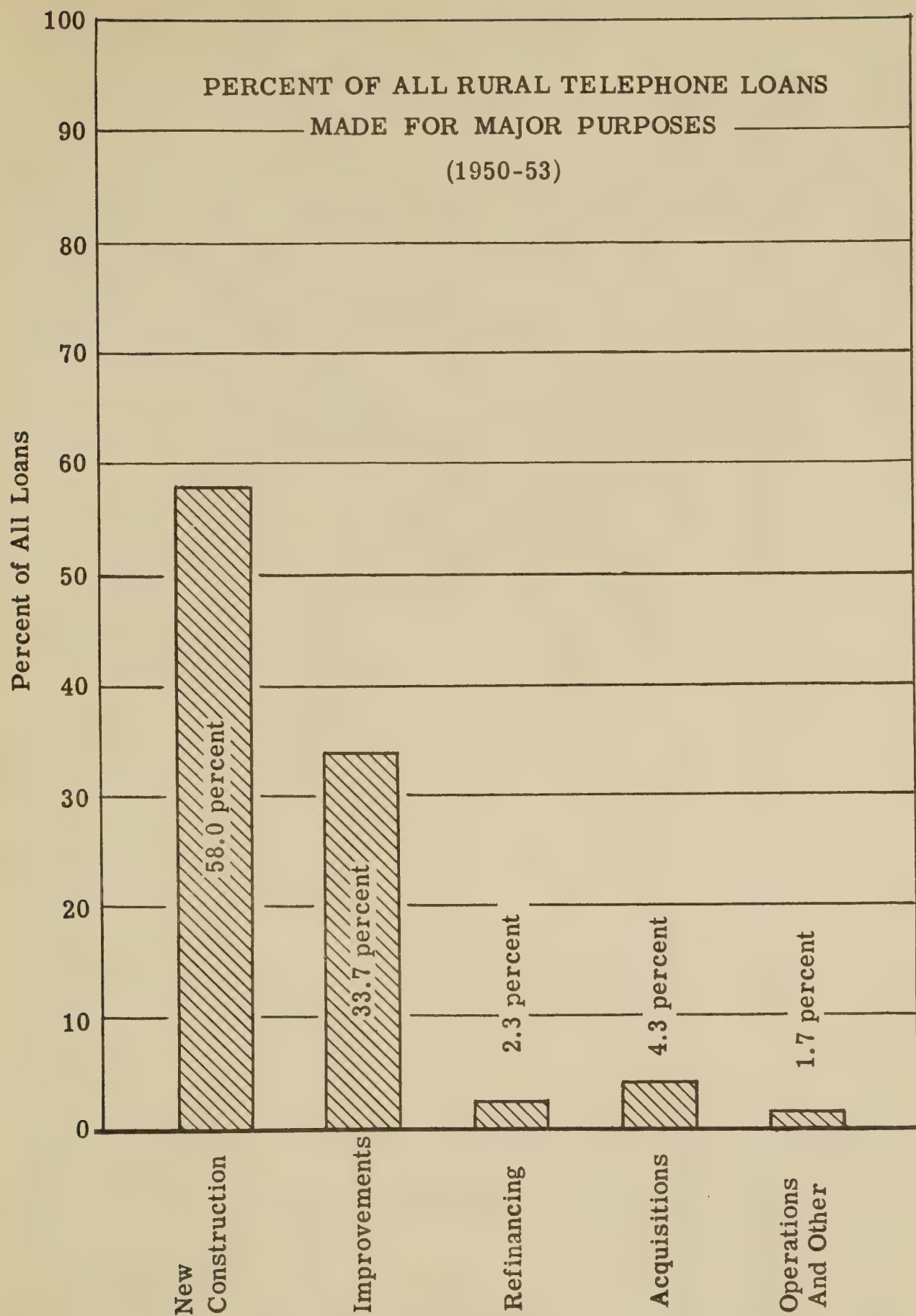


Figure 31



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Figure 32

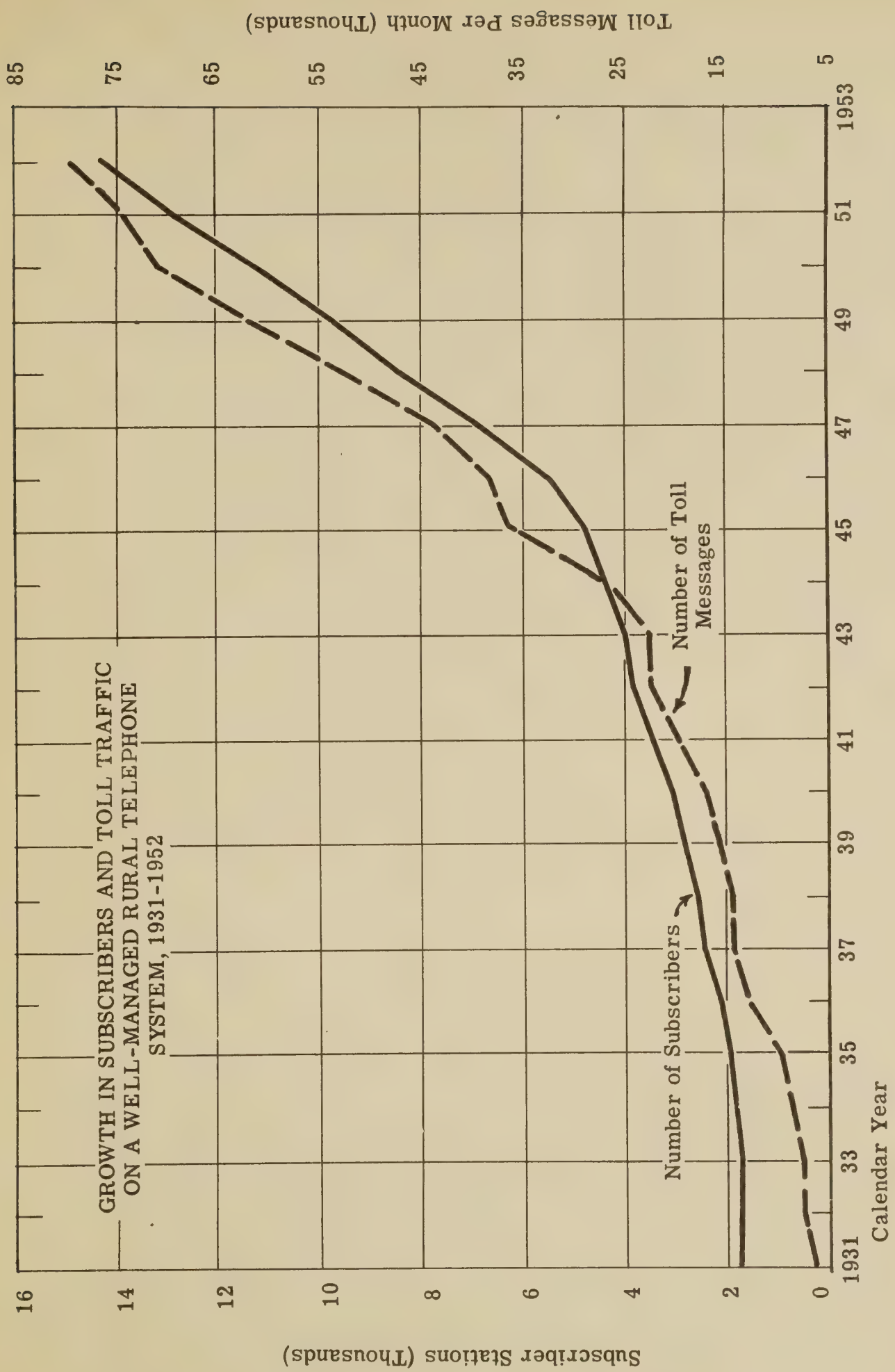
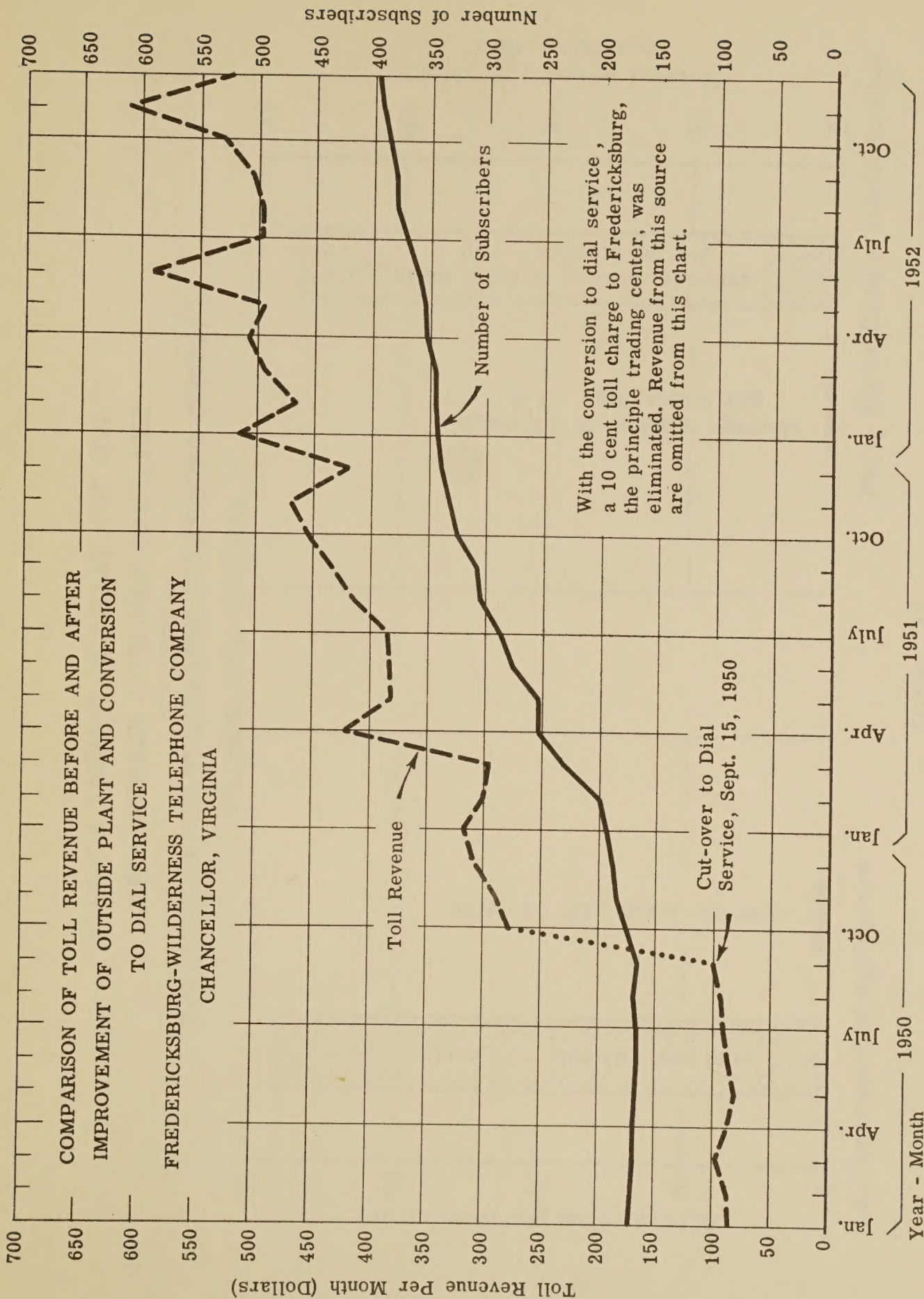
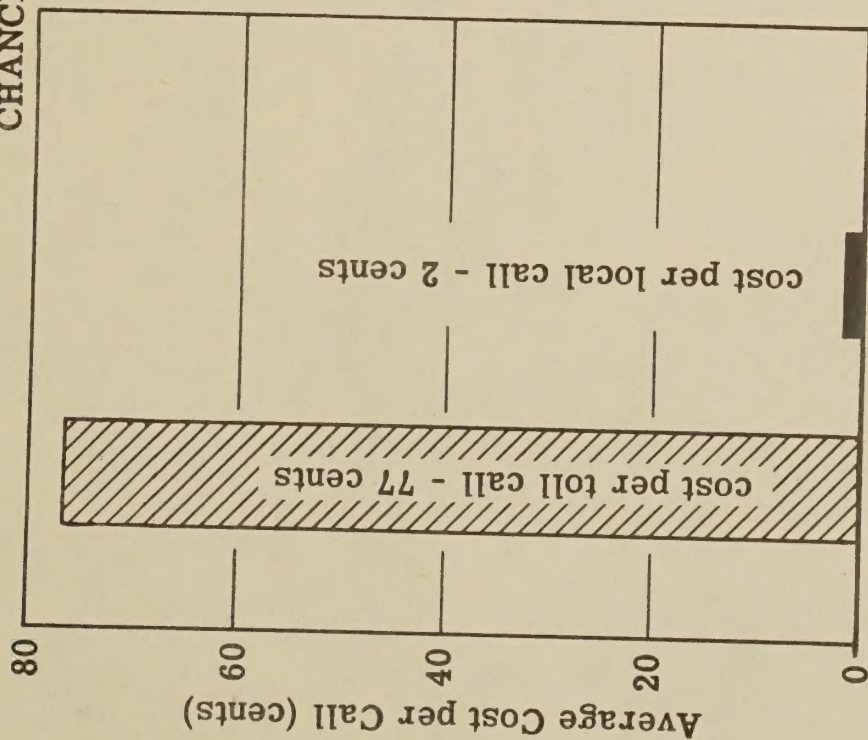


Figure 33

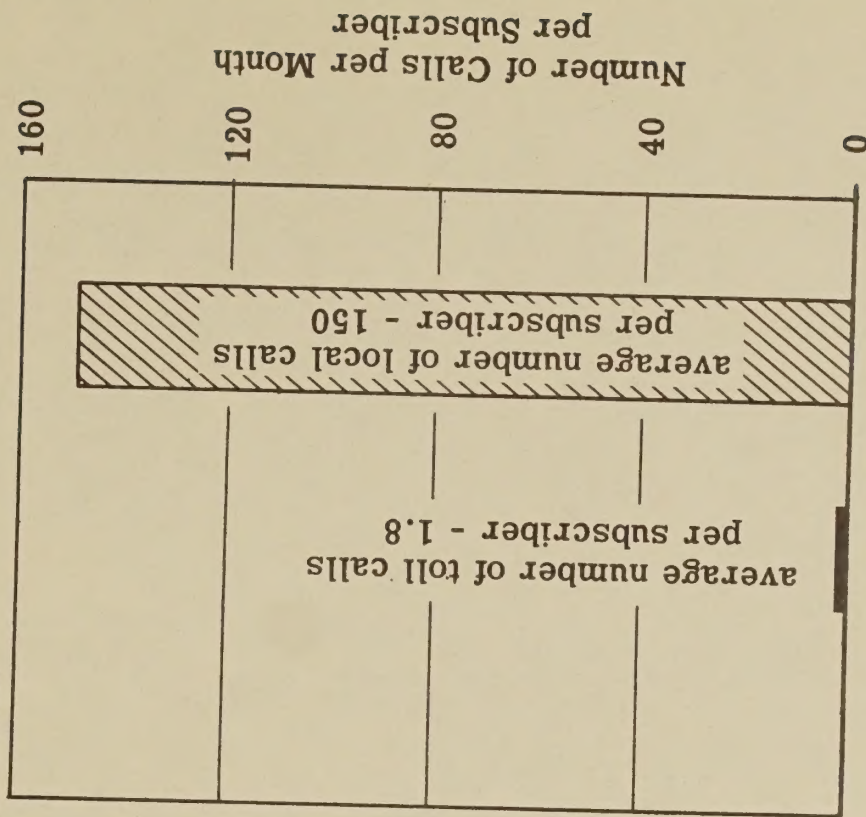


AVERAGE NUMBER OF CALLS PER MONTH AND AVERAGE COST PER CALL, 1952

FREDERICKSBURG-WILDERNESS TELEPHONE COMPANY
CHANCELLOR, VIRGINIA



U.S. Department of Agriculture



Rural Electrification Administration

Figure 35

